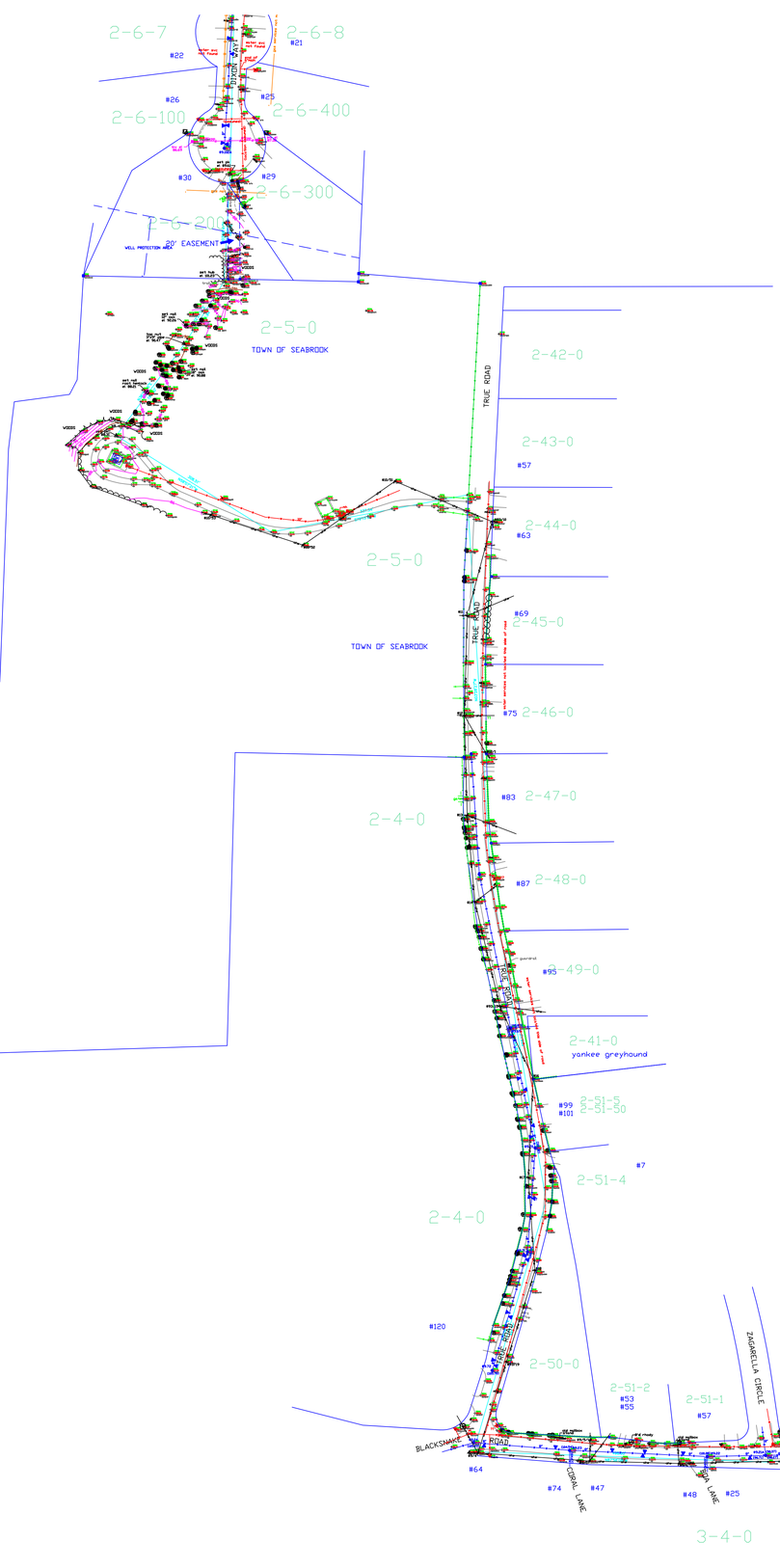
ROUTE 107
KENSINGTON
GRAVEL PIT
Scale 1" = 40'
Date of Photography April 25, 2005
Mapping Prepared By:
Eastern Map Co., Inc.
36 Norton Drive
Rochester, NY 14617
HEAVY FOLIAGE
OLD NEW BOSTON RD
TOWN OF SEABROOK
FRANCES DRIVE
DIXON AVE
1-4-2
1-4-3
1-4-30
1-3-0
2-1-2
2-1-1
2-6-1
2-6-2
2-6-3
2-6-4
2-6-5
2-6-6
2-6-7
2-6-100
2-6-14
2-6-13
2-6-12
2-6-11
2-6-10
2-6-9
2-6-8
2-6-400



LEGEND

- STONE WALL
- WOOD FENCE
- WATER LINE
- GAS LINE
- OVERHEAD WIRES
- UTILITY POLE
- HYDRANT
- DRILL HOLE
- IRON PIPE OR PIN
- MANHOLE
- WATER GATE VALVE
- SIGN
- HYDRANT
- WATER SHUTOFF
- DRAIN MANHOLE STONE BOUND
- CATCH BASIN
- WIRE MESH FENCE
- WIRE PLASTIC FENCE
- TREE LINE
- TREE LINE (FOR WOODS)
- DECIDUOUS TREE (TYP)
- CONIFEROUS TREE (TYP)
- SEWER MANHOLE
- SEWER LATERAL W/G
- DRAIN BOXES
- SHRUB
- BENCH MARK

CATCH BASIN DATA

CATCH BASIN	GRATE EL.	INV. ELEV. OUT
#1	69.34	65.05
#2	69.34	65.74
#3	69.41	65.34
#4	69.54	65.05
#5	69.54	65.74
#6	70.01	66.46
#7	69.90	67.66

THIS WORKING DRAWING ASSUMES THAT THE PROPOSED MAIN IS TO BE INSTALLED ON THE NORTHERLY SIDE OF TRUE ROAD AND RILEY ROAD. REJECTED WATER MAIN IS TO BE INSTALLED ON THE EAST SIDE OF AZOR WAY, ALISON DRIVE, BORDER VINES, LEDGE ROAD AND RILEY ROAD. WATER SERVICES WERE NOT SHOWN TO THE PROPERTY LINE EXCEPT WHERE KNOWN AND SOME UTILITY DETAILS ARE NOT YET COMPLETE ON THE OPPOSITE SIDE OF THE ROAD. THESE DETAILS WILL BE ADDED WHEN FIELD ASSISTANCE, ADDITIONAL FIELD WORK AND/OR RESEARCH.

SUBSURFACE SEWER INFORMATION IS FROM RECORD SEWER PLANS. CONTRACTOR SHALL BE REFERRED TO DIRECTLY IN EVENT OF QUESTION OR DISCREPANCY.

GAS INFORMATION IS FROM OLD MARKINGS AND VERBAL TESTIMONY. CONTRACTOR SHALL BE REFERRED TO DIRECTLY.

WATER INFORMATION IS FROM STRUCTURE LOCATIONS, AVAILABLE PLANS AND IN SOME CASES VERBAL TESTIMONY.

ALL STRUCTURE LOCATIONS SHOULD BE VERBAL TESTIMONY AND ESTIMATED 3&4.1

VERTICAL DATUM IS NGVD 1929
HORIZONTAL CONTROL BASED ON NAD 83

GRAPHIC SCALE

627AECOM WORKING DRAWING DELIVER 01-20-12.DWG

PUMP STATION RENOVATIONS AND
RAW WATER PIPELINE EXTENSION PROJECT

SURVEY DATA AS OF JAN 20, 2012
FOR TOWN OF SEABROOK/AECOM
SCALE: 1"=40'
PREPARED BY STOCKTON SERVICES
DRAWING FILE AUTOCAD 2000

Command= 210-
Point#, Start#-End# or G#= 1-7167

Bearing	Distance	Elev	Descrip	Pnt.	Northing	Easting	Type
----------01-30-2025-----			17:21:57		----------	D:...\BMHOME14	
			BMX	7000	147621.8760	1185648.7190	
			GUNRANGE	7001	147784.0200	1184407.0400	
			OW-D	7002	147796.4060	1184409.2980	
			BTW 1-01	7003	146198.2160	1183467.0710	
			BTW 3-01	7004	147985.3000	1183835.9700	
			BTW 4-01	7005	146044.3090	1183496.1710	
			BRTW1-00	7006	146018.9170	1184636.3870	
			#1FRANDR	7007	145724.3190	1185929.0590	
			#11 EXRD	7008	145792.4650	1184196.1640	
			MW-5SB	7009	148806.6000	1186575.3800	
			MW-6B	7010	148317.3050	1186519.2070	
			KFW-19	7011	147231.4780	1185096.5800	
			KFW-20	7012	147281.6200	1185083.3420	
			MW-10B	7013	147669.5050	1186236.3710	
			MW-11B	7014	147201.6370	1186191.3180	
			MW-12B	7015	147544.8640	1186994.5880	
			MW-13B	7016	146716.2200	1187082.1500	
			BTW 6-07	7017	146713.6800	1185462.7600	
			BTW6-07*	7018	146722.0000	1185458.0000	
			BTW 7-07	7019	146442.0400	1185604.3200	
			BTW7-07*	7020	146453.0000	1185594.0000	
			BRW5.2**	7021	146466.5470	1185595.2920	
			BTW 8-07	7022	146220.0800	1185723.1400	
			BTW8-07*	7023	146227.0000	1185709.0000	
			BRW5.1**	7024	146223.2370	1185716.6900	
			MAGU B-4	7025	146462.4940	1185428.1750	
			MAGUB-4*	7026	146461.0000	1185427.0000	
			MAGU B-5	7027	146000.9140	1185548.6460	
			MAGUB-5*	7028	145987.0000	1185537.0000	
			TW 63-78	7029	146441.0380	1185850.9320	
			DP-1	7030	146553.6340	1185307.8620	
			DP-2	7031	146053.5530	1185470.7140	
			DP-3	7032	146638.4360	1184771.8920	
			SGW-78	7033	145799.2750	1185557.9120	
			SGW-78*	7034	145798.0000	1185557.0000	
			TW-1-88	7035	146713.3000	1185830.7060	
			TW-1-88*	7036	146690.0000	1185840.0000	

Point#, Start#-End# or G#= 4-

PLAT of LAND
FOR
J & J TRUST
IN
SEABROOK, KENSINGTON, AND SOUTH HAMPTON, N. H.
SCALE: 1"=200' NOVEMBER 1975 PHOTOMYLAR REVISED 1982
PARKER SURVEY ASSOC., INC.
SEABROOK, N.H.

FEET 0 100 200 400 800 1200
METERS 0 10 20 50 100 200 300

TOTAL AREA:
161.0 ACRES±
R.C.R. 2237-571
SEE R.C.R. 2002-434
R.C.R. 1927-410
R.C.R. 729-178
R.C.R. 703-228
R.C.R. 415-98
R.C.R. 319-100

NOTE: SEE N.H. HIGHWAY LAYOUT
FED. PROJ. NO. S 68(3) N.H. PROJ. NO. 5-1544
SHEETS 8,9,10 OF 115
(R.C.R. PLAN #D-4418 SHEET 2 OF 7)
SEE R.C.R. 2173-029
R.C.R. 2186-491

NOTE: SEE N.H. HIGHWAY LAYOUT
FAS PROJ. NO. 568(1) ROUTE 150
1958 SHEET 6 OF 39
SEE R.C.R. 1467-325

ROUTE 107
ROUTE 150
KENSINGTON
SEABROOK
TOWN LINE
SOUTH HAMPTON
OLD COUNTY ROAD

PARCEL A
112.7 ACRES±
(49.3 ACRES± IN KENSINGTON)
(63.4 ACRES± IN SEABROOK)

PARCEL B
48.3 ACRES±
(177± IN SEABROOK)
(46.3 ACRES± IN KENSINGTON)
(2.0 ACRES± IN SOUTH HAMPTON)

N/F D. HOLBROOK
R.C.R. 2109-189
SEE "PLAT OF LAND FOR DOROTHY J. HOLBROOK IN KENSINGTON, N.H. SCALE 1"=50' NOVEMBER 1975 PARKER SURVEY ASSOC., INC. SEABROOK, N.H." PLAN # 7164

N/F C. EASTMAN
R.C.R. 937-164

N/F D. LESLEY
R.C.R. 2003-148

SEE R.C.R. 1934-079

N/F R. PEABODY
R.C.R. 1818-104
SEE R.C.R. 1634-403

N/F F. PERKINS
R.C.R. 952-214

N/F CEDAR GLEN GOLF CORPORATION
SEE R.C.R. 1695-039
SEE R.C.R. 1458-173
SEE R.C.R. 952-214

SEE PLAN OF LAND IN KENSINGTON, N.H. PREPARED FOR DONALD LAVINE SCALE 1"=80' MAY 29, 1973 DAVID F. PERKINS AND SONS, INC. CIVIL ENGINEERS AND SURVEYORS, READING LOWELL, MASS. 1-CIL 9649-3000

N/F R. HILCUP
R.C.R. 1565-183
R.C.R. 1730-139

PERKINS PLAN
R.C.R. 319-100
SEE R.C.R. 415-098
R.C.R. 703-228

FRONTAGE IN SEABROOK 2238.61

SET GRAN BND REPLACES SET TACK FNC. POST
SET GRAN BND REPLACES SET TACK FNC. POST
SET GRAN BND REPLACES 3" CEDAR
SET GRAN BND REPLACES INTER. FNC
SET GRAN BND REPLACES HUB
SET GRAN BND REPLACES FND. HUB
SET GRAN BND
SET TACK IN STONE WALL
SET TACK IN SIGN POST
SET TACK IN TREE
SET TACK IN ELM
SET TACK IN MAPLE
SET TACK IN BIRCH
SET TACK IN PINE
SET TACK IN CEDAR
SET TACK IN ASH
SET TACK IN BOULDER
SET TACK IN INTER. FNC
SET TACK IN FNC. POST
SET TACK IN HUB
SET TACK IN STUMP
SET D.H.
SET HUB
SET NAIL IN STUMP
SET IRON PIPE
SET STONE
FND NHHB
FND D.H.
FND STK & STONES
FND TOWN LINE BND
FND IRON PIPE
FND CONC. BND
FND STUMP
FND NAIL
FND SPIKE
FND DRILL HOLE
FND BOULDER
FND STK & STONES
FND IRON PIPE
FND TOWN LINE BND
FND NHHB
FND NAIL
FND NHHB
FND NHHB
FND NHHB

SCALE IN FEET

800 700 600 500 400 300 200 100 0 100 200 300

℄ 8" TEST WELL

65 60 55 50 45 40 35 30 25 20 15 10 5 (SEA LEVEL) 0 -5 -10 -15 -20 -25 -30 -35

SALISBURY PUMPING STATION

SALISBURY OBS B

OBS. WELL 53F

OBS. WELL 53B

OBS WELL 53C

OBS WELL 53

OBS. WELL 53A

OBS WELL 53D

OBS WELL 53E

OBS. WELL 52

NOTE:
OBS WELL #53C DION'T RESPOND CORRECTLY DURING PUMPING TEST.

NOTE:
AVERAGE DRAWDOWN OF OBS. 53 & 53A.

SCREEN

OBS #52 104' Depth

NOTE:
ALL DISTANCES OF OBS. WELLS ARE IN REFERENCE TO 8" TEST WELLS

NO.	DESCRIPTION
	REVISIONS

SCALE IN FEET

800 700 600 500 400 300 200 100 0 100 200 300 400 500 600 700 800

℄ 8" TEST WELL

SALISBURY PUMPING STATION

SALISBURY OBS B

OBS. WELL 53B

OBS. WELL 53F

OBS WELL 53C

OBS WELL 53

OBS WELL 53A

OBS WELL 53D

OBS WELL 53E

OBS. WELL 52

OBS. WELL A

NOTE:
OBS WELL #53C DIDN'T RESPOND CORRECTLY DURING PUMPING TEST.

NOTE:
OBS WELL A, 20 Ft. FROM RILEY PUMPING STATION.

NOTE:
AVERAGE DRAWDOWN OF OBS. 53 & 53A.

SCREEN

OBS #52 101' Depth

OBS A 90 Depth

GROUND LEVEL

STATIC WATER LEVEL

DRAWDOWN AT END OF TEST

65 60 55 50 45 40 35 30 25 20 15 10 5 0 (SEA LEVEL) -5 -10 -15 -20 -25 -30 -35

NOTE:
ALL DISTANCES OF OBS. WELLS ARE IN REFERENCE TO 8" TEST WELLS

PROFILE OF RILEY WELL SITE

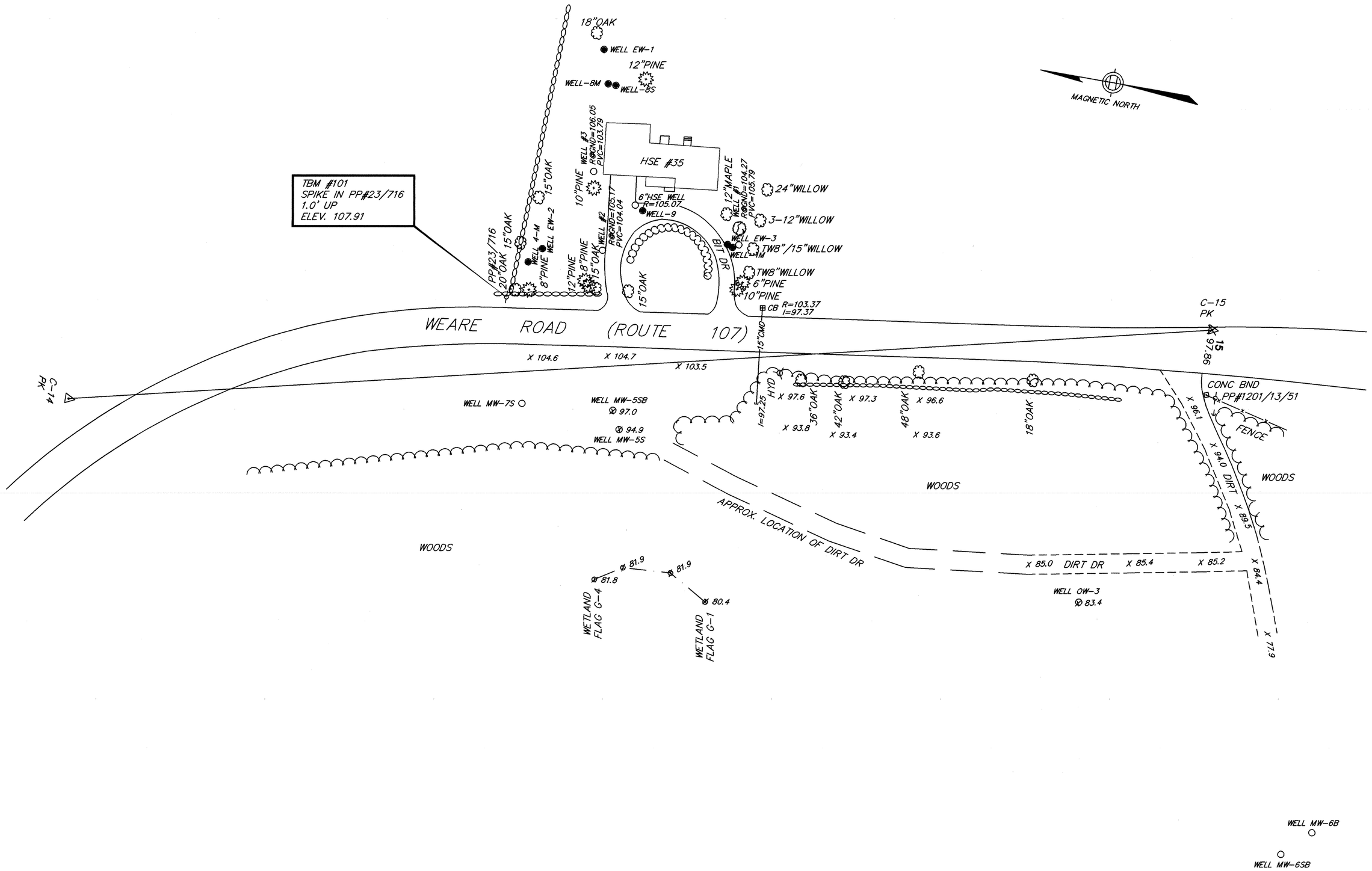
TOWN OF SEABROOK WATER DEPT.

SEABROOK, N.H.

NO.	DESCRIPTION	DATE
	REVISIONS	

WHITMAN & HOWARD INC.
ENGINEERS AND ARCHITECTS
89 BROAD ST. BOSTON, MASS.

DESIGNED BY RPL	SCALE 1"=50'-0"	DATE NOVEMBER 69
DRAWN BY DJM	APPROVED	
CHECKED BY RPL	JOB NO. 9-197	SHEET 1 OF 1 SHEETS



NOTE:

1. INFORMATION RECEIVED FROM WHITMAN AND HOWARD INC. PLAN FILE: H:\2D047\2D04740.DWG
2. ● WELLS LOCATED BY JUDITH NITSCH ENGINEERING INC. JANUARY 18, 1995.
3. TRAVERSE DATA COMPILED BY WHITMAN & HOWARD INC. SEE JOB#2D-047.

GRAPHIC SCALE

40 20 0 40 80 120

SCALE: 1"=40'

REVISIONS		
REV.	COMMENTS	DATE

JUDITH NITSCH ENGINEERING, INC.
CIVIL ENGINEERS • LAND SURVEYORS • PLANNERS
ONE APPLETON STREET BOSTON, MA 02116
TEL: (617) 338-0063 • FAX: (617) 338-6472

FIELD CHIEF: JWN	DES/COMP.: JPG	DRAFTED BY: JPG	CHECKED BY: JWM
DATE: 1/31/95	SCALE: 1" = 40'	JNEI JOB# 1130	FILE: 2D047

COMMONWEALTH OF MASSACHUSETTS
JOSEPH W. McCARTHY, JR.
No. 33940
PROFESSIONAL LAND SURVEYOR

WELL LOCATIONS

SEABROOK, NEW HAMPSHIRE
WEARE ROAD (ROUTE 107)/SEABROOK, NEW HAMPSHIRE

PREPARED FOR:
WHITMAN & HOWARD INC.
45 WILLIAM STREET, WELLESLEY, MASSACHUSETTS 02181

SHEET 1 OF 1
REV.

green = 10/15/96 gw. levels
purple = 9/89 - p. test statics
red = 11/1/96 G.W. levels

BLACKSNAKE RD

BIT DR

PP#71/A

PP#71/1

PP#71/2

PP#71/3

N62°00'07"W 481.570'

GATE

GW-1A (SSW)

GW-5

GW-1

GW-2

GW-3

GW-4

WELL #2-B TOP CASING 56.18 GND 53.67

WELL #2-C TOP CASING 56.79 GND 53.35

WELL #2-D TOP CASING 56.87 GND 54.0

WELL #2-E TOP CASING 55.99 GND 53.0

WELL #2-F TOP CASING 55.59 GND 52.7

WELL #3-A TOP CASING 56.87 GND 54.0

WELL #3-B TOP CASING 56.87 GND 54.0

WELL #3-C TOP CASING 56.87 GND 54.0

WELL #3-D TOP CASING 56.87 GND 54.0

WELL #3-E TOP CASING 56.87 GND 54.0

WELL #3-F TOP CASING 56.87 GND 54.0

WELL #3-G TOP CASING 56.87 GND 54.0

WELL #4 TOP CASING 56.87 GND 54.0

WELL #5 TOP CASING 56.87 GND 54.0

WELL #6 TOP CASING 56.87 GND 54.0

WELL #7 TOP CASING 56.87 GND 54.0

WELL #8 TOP CASING 56.87 GND 54.0

WELL

SEABROOK N. Hampshire
6-218

Title	SEABROOK N.H. TEST WELL #25
Job No.	6-218
Plotted by	Y. Cassamajor
Checked by	
Scale	1"=40'
Date	Sept. 1966
Datum	
North Arrow	✓ BMs ✓

570'±

320'±

720'±

385'±

350'±

Test Well #36 P 41.80
Top 2½" Well = 40.3
G.S. @ Well = 40.29
Cap Tight

Test Well #5 P no cap = 40.3
Top 2½" Pipe = 40.3
G.S. @ Well = 40.67

Test Well #3 P no cap = 40.36
Top 2½" Pipe = 40.3
G.S. @ Well = 40.36
Tight Cap

Test Well #gage P 42.19
Top 2½" Pipe = 40.3
G.S. @ Well = 40.29
Water Level = 40.36
Tight Cap

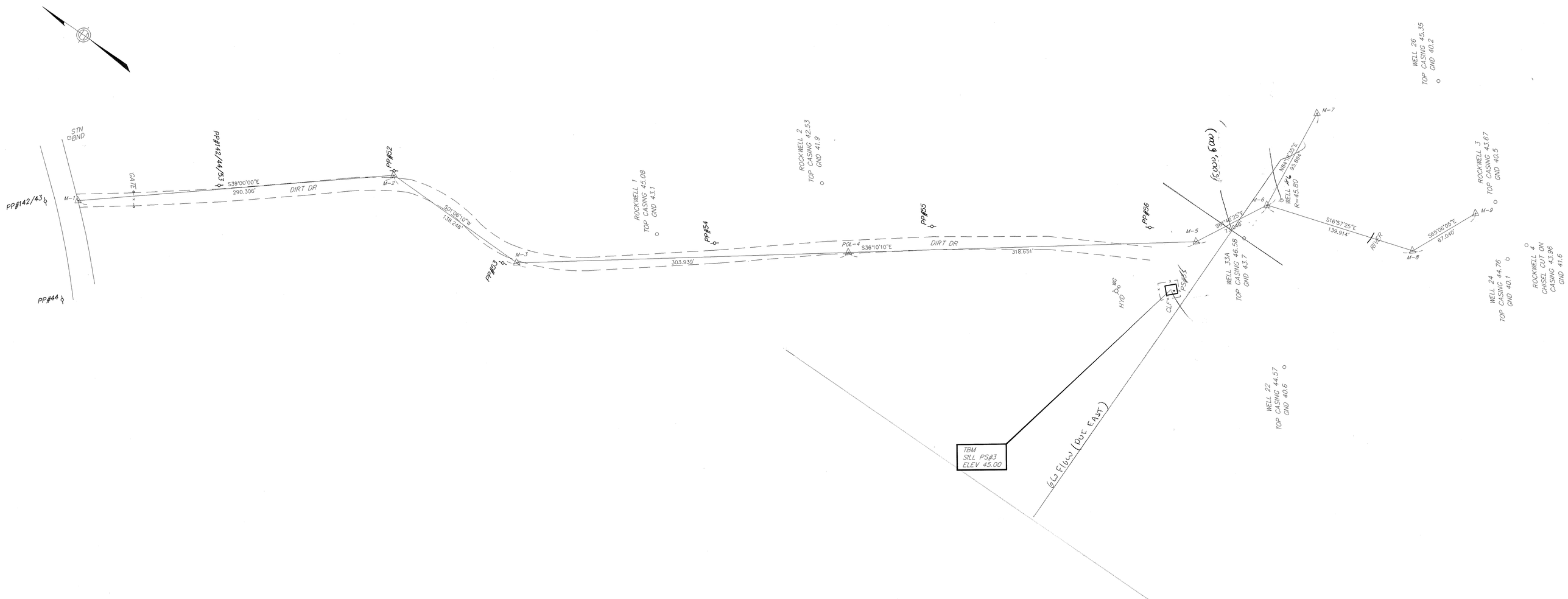
Test Well #32 P 41.21
Top 2½" Pipe = 40.5
G.S. @ Well = 40.7
Water Level = 40.7

Test Well #2
Top 2½" Pipe = 40.3
G.S. @ Well = 40.29
Water Level = 40.29

Test Well = 25
2½" Well Pipe = 41.62
G.S. @ Well = 48.5

42.62 B.M. Spk in 24" PINE on South Side & Near B.M.

24" PINE
36" 12" PINE
12" PINE
18" PINE
18" PINE
12" PINE
12" PINE
12" PINE
12" MAPLE
Top Bk.
Wire Fence
BARB
WOODS
FIELD
WOODS
HAMPTON FALLS
Test Well = 1 P 40.90 @ 6" Pipe = 40.6 Top G.S. @ Well = 40.6 Tight
135.89
394.58
278.33
179.33
Town Gd.
MILL LANE
15" OAK
12" TREE
15" PINE
12" PINE
12" PINE
12" PINE
12



MILL LANE

LEGEND

TRAVERSE STATION	TELEPHONE MANHOLE
NGVD DISK	SEWER MANHOLE
BND BOUND	MANHOLE
IRON PIPE	HYDRANT
PP#X POWER POLE	WATER GATE
GUY ANCHOR	WATER SERVICE
LP LIGHT POLE	GAS GATE
SIGN	GAS SERVICE
CB CATCH BASIN	TREE
DMH DRAIN MANHOLE	TREE STUMP
EMH ELECTRIC MANHOLE	

WOOD OR TREE LINE
HEDGE OR SHRUB LINE
FENCE LINE
GUARD RAIL
STONE WALL
STATE AND COUNTY BASELINE
STATE AND COUNTY LAYOUT LINE
WETLANDS BOUNDARY
D DRAIN LINE
W WATER MAIN
S SEWER MAIN
G GAS MAIN
T TELEPHONE CONDUIT
E ELECTRIC CONDUIT

NOTES

COORDINATES ARE ON AN ASSUMED BASE.

ELEVATIONS TAKEN FROM INFORMATION SUPPLIED BY EARTH TECH FORMERLY WHITMAN & HOWARD.

RECORD UTILITY INFORMATION FROM THE VARIOUS UTILITY COMPANIES AND PUBLIC AGENCIES ARE APPROXIMATE ONLY AND ACTUAL LOCATIONS MUST BE DETERMINED IN THE FIELD.

ALL UTILITY COMPANIES, PUBLIC AND PRIVATE, MUST BE NOTIFIED, INCLUDING THOSE IN CONTROL OF UTILITIES NOT SHOWN ON THIS PLAN, (SEE CHAPTER 370, ACTS OF 1963, MASSACHUSETTS) PRIOR TO DESIGNING, EXCAVATING, BLASTING, INSTALLING, BACKFILLING, GRADING, PAVEMENT RESTORING OR REPAVING.

JOSEPH W. McCARTHY Jr., REGISTERED PROFESSIONAL LAND SURVEYOR ASSUMES NO RESPONSIBILITY FOR DAMAGES INCURRED AS A RESULT OF UTILITIES OMITTED OR INACCURATELY SHOWN.

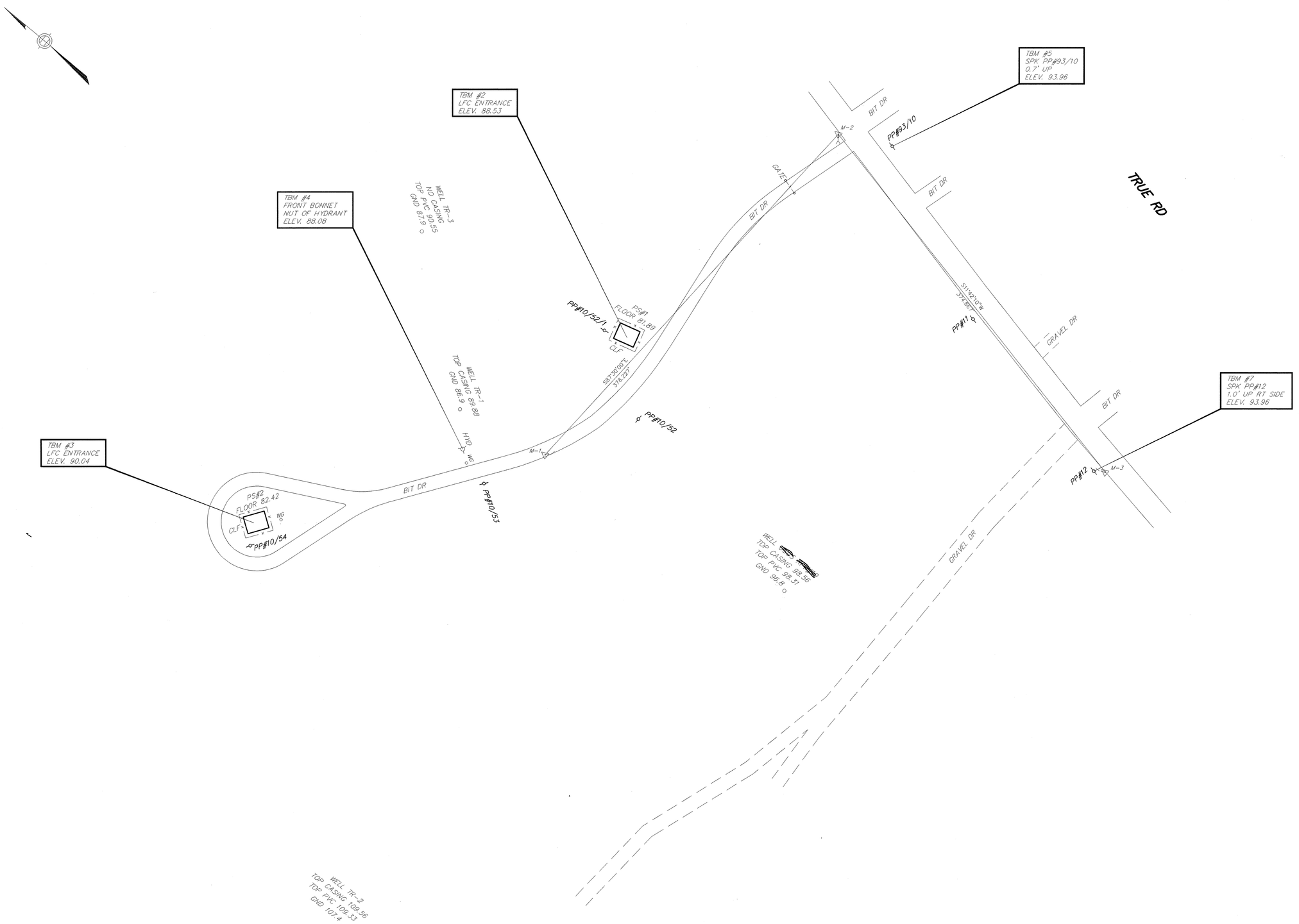
MILL LANE WELLS

WELL SITE PLAN OF LAND IN SEABROOK, NH

SCALE : 1"=40' AUG. 5, 1996

JOSEPH W. McCARTHY Jr. P.L.S.

WALPOLE, MASSACHUSETTS



LEGEND

TRAVERSE STATION	TELEPHONE MANHOLE
NGVD DISK	SEWER MANHOLE
BOUND	MANHOLE
IRON PIPE	HYDRANT
POWER POLE	WATER GATE
GUY ANCHOR	WATER SERVICE
LIGHT POLE	GAS GATE
SIGN	GAS SERVICE
CATCH BASIN	TREE
DRAIN MANHOLE	TREE STUMP
ELECTRIC MANHOLE	
	WOOD OR TREE LINE
	HEDGE OR SHRUB LINE
	FENCE LINE
	GUARD RAIL
	STONE WALL
	STATE AND COUNTY BASELINE
	STATE AND COUNTY LAYOUT LINE
	WETLANDS BOUNDARY
	DRAIN LINE
	WATER MAIN
	SEWER MAIN
	GAS MAIN
	TELEPHONE CONDUIT
	ELECTRIC CONDUIT

NOTES

COORDINATES ARE ON AN ASSUMED BASE.

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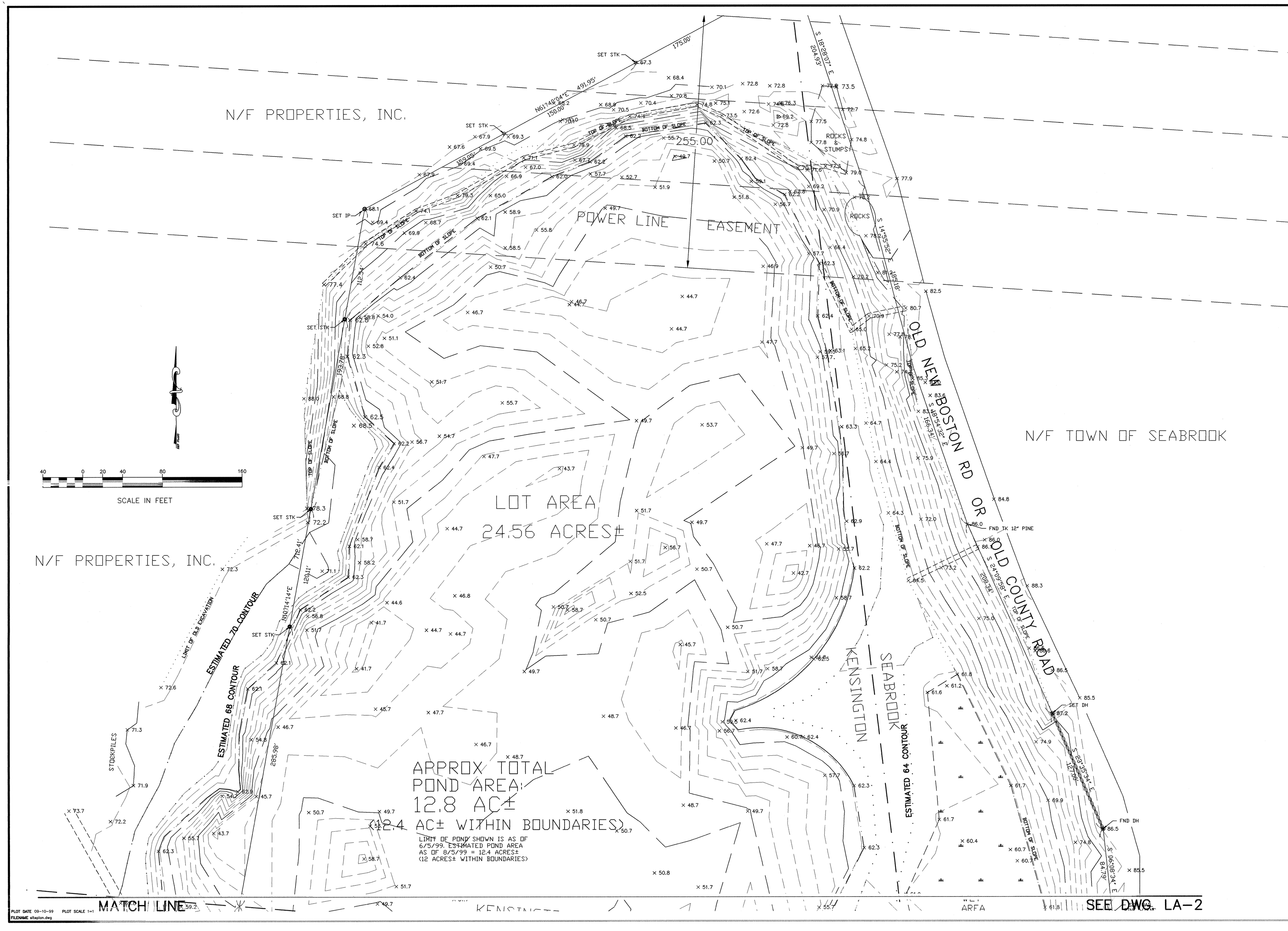
TRUE ROAD WELLS

WELL SITE PLAN OF LAND IN SEABROOK, NH

SCALE : 1"=40' AUG. 1, 1996

JOSEPH W. McCARTHY Jr. P.L.S.

WALPOLE, MASSACHUSETTS



PLOT DATE 09-10-99 PLOT SCALE 1=1
FILENAME siteplan.dwg

L:\WORK\28397\CAD\Site\siteplan.dwg Fri Sep 10 15:32:13 1999 GWelch

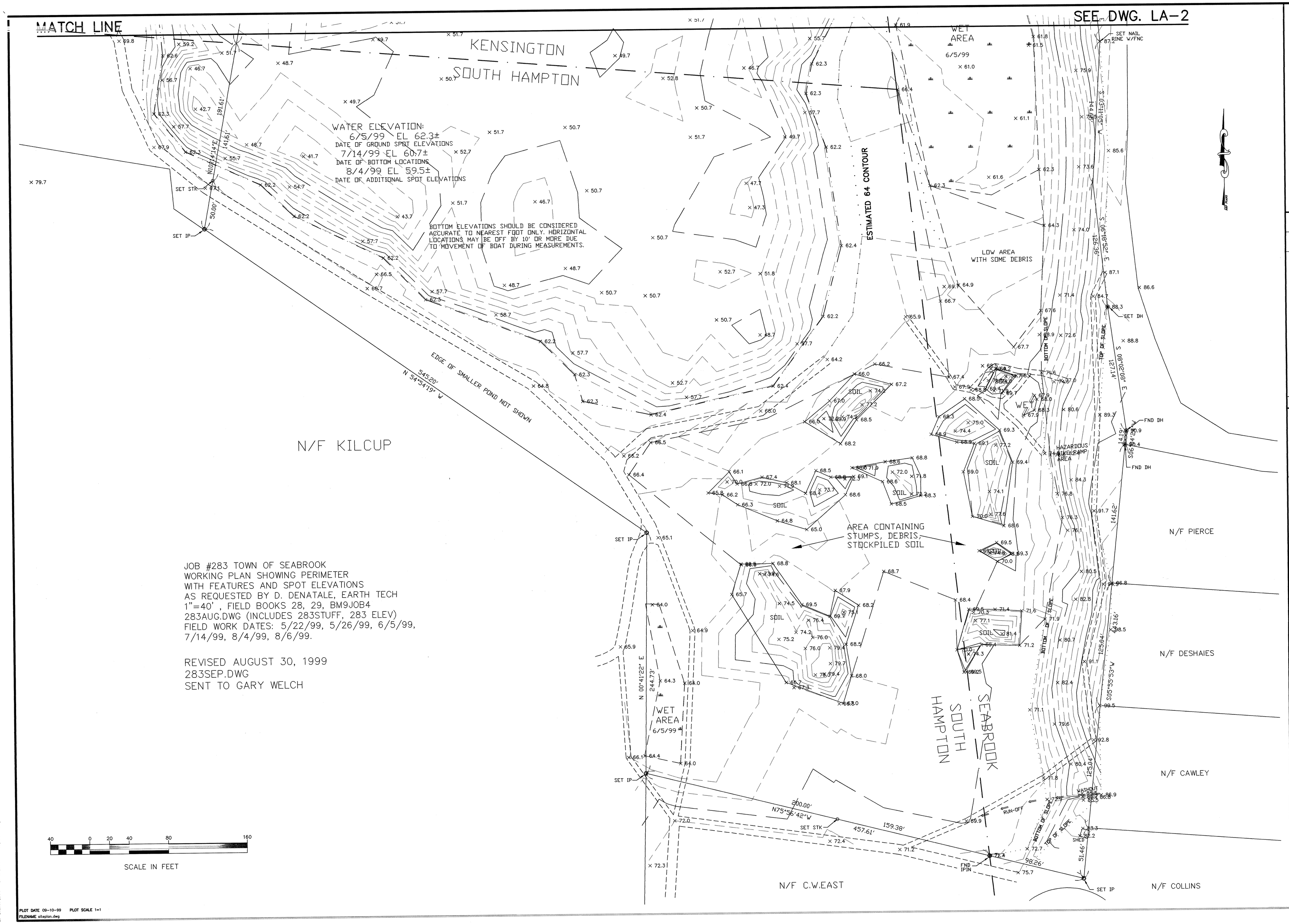
EARTH TECH
196 Baker Avenue Concord MA 01742 (978) 371-4000

NO.	REVISIONS	BY	DATE

SEABROOK, NEW HAMPSHIRE
GRAVEL QUARRY RESTORATION
SITEPLAN

DESIGNED BY	DWG SCALE AS NOTED
DRAWN BY GWelch	CONTRACT NO 28397
CHECKED BY	DATE AUG. 1999

LA-1
SHEET X OF X



JOB #283 TOWN OF SEABROOK
WORKING PLAN SHOWING PERIMETER
WITH FEATURES AND SPOT ELEVATIONS
AS REQUESTED BY D. DENATALE, EARTH TECH
1"=40' , FIELD BOOKS 28, 29, BM9JOB4
283AUG.DWG (INCLUDES 283STUFF, 283 ELEV)
FIELD WORK DATES: 5/22/99, 5/26/99, 6/5/99,
7/14/99, 8/4/99, 8/6/99.

REVISED AUGUST 30, 1999
283SEP.DWG
SENT TO GARY WELCH

EARTH TECH
196 Baker Avenue Concord MA 01742 (978) 371-4000

NO.	REVISIONS	BY	DATE

SEABROOK, NEW HAMPSHIRE
GRAVEL QUARRY RESTORATION
SITEPLAN

DESIGNED BY	DWG SCALE AS NOTED
DRAWN BY GWelch	CONTRACT NO 28397
CHECKED BY	DATE AUG. 1999

LA-2
SHEET X OF X

PLOT DATE 09-10-99 PLOT SCALE 1=1
FILENAME siteplan.dwg

L:\WORK\28397\CAD\Site\siteplan.dwg Fri Sep 10 15:32:29 1999 GWelch

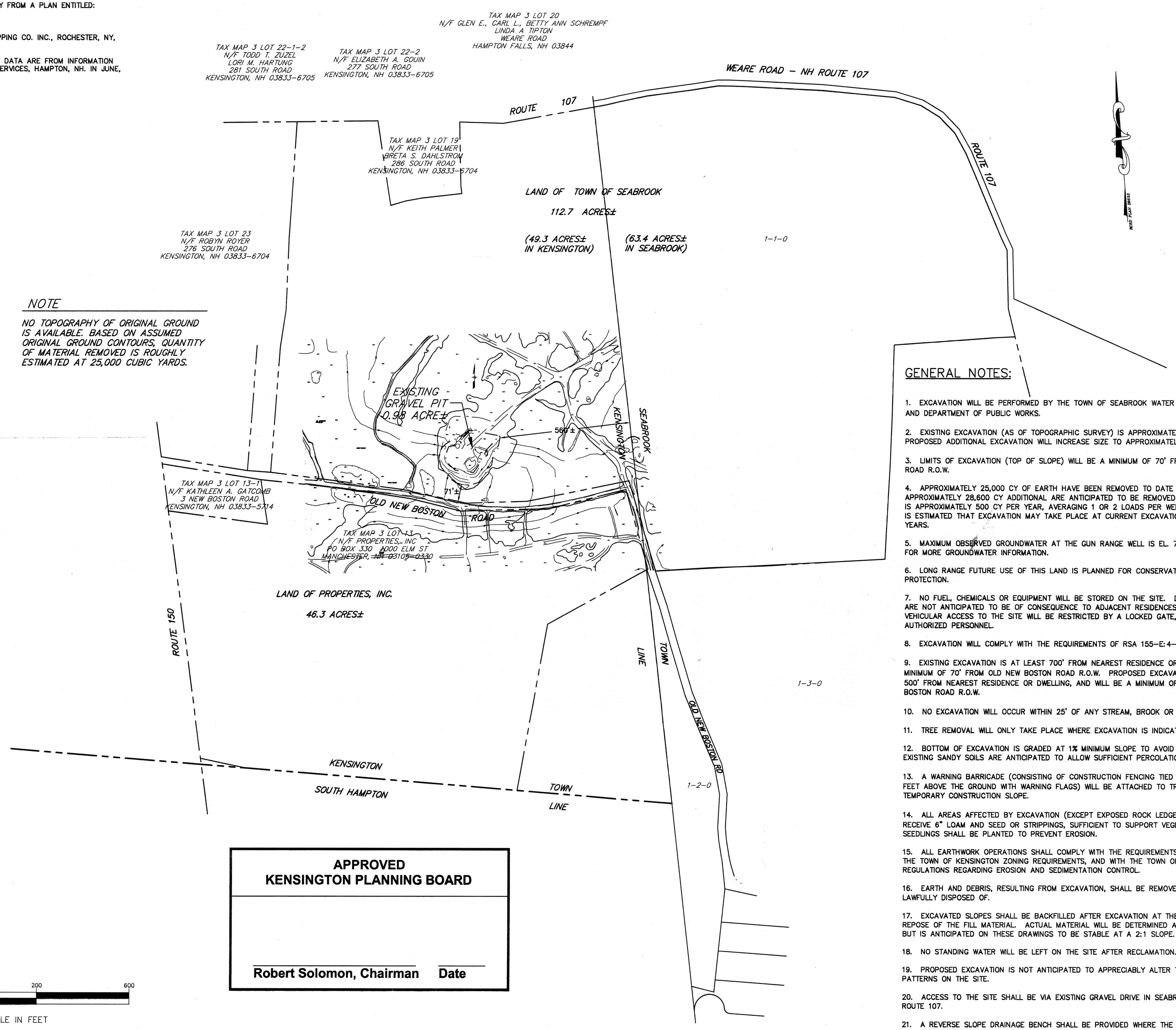
SOURCE NOTES FOR EXISTING SITE PLAN INFORMATION:

1. AERIAL PHOTOGRAMMETRY FROM A PLAN ENTITLED:

"KENSINGTON GRAVEL PIT"

PREPARED BY SANBORN MAPPING CO. INC., ROCHESTER, NY, DATED APRIL 20, 2001

2. PROPERTY AND ABUTTER DATA ARE FROM INFORMATION RECEIVED FROM STOCKTON SERVICES, HAMPTON, NH. IN JUNE, 2002.



APPROVED
KENSINGTON PLANNING BOARD

Robert Solomon, Chairman **Date**

GENERAL NOTES:

1. EXCAVATION WILL BE PERFORMED BY THE TOWN OF SEABROOK WATER AND SEWER DEPARTMENT, AND DEPARTMENT OF PUBLIC WORKS.

2. EXISTING EXCAVATION (AS OF TOPOGRAPHIC SURVEY) IS APPROXIMATELY 0.98 ACRES. PROPOSED ADDITIONAL EXCAVATION WILL INCREASE SIZE TO APPROXIMATELY 1.977 ACRES.

3. LIMITS OF EXCAVATION (TOP OF SLOPE) WILL BE A MINIMUM OF 70' FROM OLD NEW BOSTON ROAD R.O.W.

4. APPROXIMATELY 25,000 CY OF EARTH HAVE BEEN REMOVED TO DATE FROM THE EXCAVATION. APPROXIMATELY 28,600 CY ADDITIONAL ARE ANTICIPATED TO BE REMOVED. CURRENT REMOVAL RATE IS APPROXIMATELY 500 CY PER YEAR, AVERAGING 1 OR 2 LOADS PER WEEK AT 7 CY PER LOAD. IT IS ESTIMATED THAT EXCAVATION MAY TAKE PLACE AT CURRENT EXCAVATION RATES FOR 50 MORE YEARS.

5. MAXIMUM OBSERVED GROUNDWATER AT THE GUN RANGE WELL IS EL. 71.63. SEE DWG. LA-2 FOR MORE GROUNDWATER INFORMATION.

6. LONG RANGE FUTURE USE OF THIS LAND IS PLANNED FOR CONSERVATION AND AQUIFER PROTECTION.

7. NO FUEL, CHEMICALS OR EQUIPMENT WILL BE STORED ON THE SITE. DUST, NOISE AND TRAFFIC ARE NOT ANTICIPATED TO BE OF CONSEQUENCE TO ADJACENT RESIDENCES OR DWELLINGS. VEHICULAR ACCESS TO THE SITE WILL BE RESTRICTED BY A LOCKED GATE, ACCESSIBLE ONLY TO AUTHORIZED PERSONNEL.

8. EXCAVATION WILL COMPLY WITH THE REQUIREMENTS OF RSA 155-E:4-a.

9. EXISTING EXCAVATION IS AT LEAST 700' FROM NEAREST RESIDENCE OR DWELLING, AND IS A MINIMUM OF 70' FROM OLD NEW BOSTON ROAD R.O.W. PROPOSED EXCAVATION WILL BE AT LEAST 500' FROM NEAREST RESIDENCE OR DWELLING, AND WILL BE A MINIMUM OF 70' FROM OLD NEW BOSTON ROAD R.O.W.

10. NO EXCAVATION WILL OCCUR WITHIN 25' OF ANY STREAM, BROOK OR WETLAND.

11. TREE REMOVAL WILL ONLY TAKE PLACE WHERE EXCAVATION IS INDICATED ON THE DRAWINGS.

12. BOTTOM OF EXCAVATION IS GRADED AT 1% MINIMUM SLOPE TO AVOID STANDING WATER. EXISTING SANDY SOILS ARE ANTICIPATED TO ALLOW SUFFICIENT PERCOLATION OF DRAINAGE.

13. A WARNING BARRICADE (CONSISTING OF CONSTRUCTION FENCING TIED TO A STEEL CABLE 3.5 FEET ABOVE THE GROUND WITH WARNING FLAGS) WILL BE ATTACHED TO TREES AT THE TOP OF TEMPORARY CONSTRUCTION SLOPE.

14. ALL AREAS AFFECTED BY EXCAVATION (EXCEPT EXPOSED ROCK LEDGE SURFACES) SHALL RECEIVE 6" LOAM AND SEED OR STRIPPINGS, SUFFICIENT TO SUPPORT VEGETATION. GRASS AND/OR SEEDLINGS SHALL BE PLANTED TO PREVENT EROSION.

15. ALL EARTHWORK OPERATIONS SHALL COMPLY WITH THE REQUIREMENTS OF ARTICLE 1.10.H OF THE TOWN OF KENSINGTON ZONING REQUIREMENTS, AND WITH THE TOWN OF KENSINGTON SUBDIVISION REGULATIONS REGARDING EROSION AND SEDIMENTATION CONTROL.

16. EARTH AND DEBRIS, RESULTING FROM EXCAVATION, SHALL BE REMOVED FROM THE SITE OR LAWFULLY DISPOSED OF.

17. EXCAVATED SLOPES SHALL BE BACKFILLED AFTER EXCAVATION AT THE NATURAL ANGLE OF REPOSE OF THE FILL MATERIAL. ACTUAL MATERIAL WILL BE DETERMINED AT THE TIME OF BACKFILL, BUT IS ANTICIPATED ON THESE DRAWINGS TO BE STABLE AT A 2:1 SLOPE.

18. NO STANDING WATER WILL BE LEFT ON THE SITE AFTER RECLAMATION.

19. PROPOSED EXCAVATION IS NOT ANTICIPATED TO APPRECIABLY ALTER THE EXISTING DRAINAGE PATTERNS ON THE SITE.

20. ACCESS TO THE SITE SHALL BE VIA EXISTING GRAVEL DRIVE IN SEABROOK, CONNECTING FROM ROUTE 107.

21. A REVERSE SLOPE DRAINAGE BENCH SHALL BE PROVIDED WHERE THE HEIGHT OF CUT EXCEEDS 20 FEET. BENCHES SHALL BE A MINIMUM OF 5 FEET WIDE, WITH A MINIMUM DEPTH OF 1 FOOT.

EARTH TECH
198 Baker Avenue Concord MA 01742 (978) 371-4000

FULL SIZE DRAWING = 4"

NO.	REVISIONS	BY	DATE

THE STATE OF NEW HAMPSHIRE — PAUL G. DUDEK — 7717 — REGISTERED PROFESSIONAL ENGINEER

SEABROOK, NH
RECLAMATION PLAN FOR
GRAVEL PIT IN KENSINGTON, NH
EXISTING SITE PLAN

DESIGNED BY GBW	DWG SCALE AS NOTED
DRAWN BY GBW	CONTRACT NO. 56766
CHECKED BY DD	DATE OCT. 2002

LA-1

SHEET 1 OF 4

L:\WORK\56766\C-AD\Site\56766-siteplan.dwg, 01/07/2003 08:53:40 PM, Gmasch

\WORK\56766\CAD\Site\56766-siteplan.dwg, 01/07/2003 06:53:34 PM, GWelch

SCALE IN FEET
100 50 25 0 50 150

N 147,200
N 147,400
N 147,600
N 147,800
N 148,000
E 1,183,800
E 1,184,000
E 1,184,200
E 1,184,400
E 1,184,600
E 1,184,800
E 1,185,000
E 1,185,200

OLD NEW BOSTON ROAD
KENSINGTON
SEABROOK

A0100104
91.05

MAINTAIN 70' BUFFER FROM OLD NEW BOSTON ROAD RIGHT OF WAY

PROPOSED WARNING BARRICADE TO BE LOCATED AT TOP OF TEMPORARY 1:1 SLOPE (SEE NOTE 13, DWG. LA-1)

HEAVY FOLIAGE

PROPOSED TEMPORARY GRADING FOR GRAVEL EXCAVATION (1:1 SLOPE)

ESTIMATED ADDITIONAL EARTH TO BE EXCAVATED =28,600 CY

PROPOSED LIMIT OF EXCAVATION TOTAL AREA OF EXCAVATION (EXISTING AND PROPOSED) =1.977 ACRES

GUN RANGE WELL (SEE NOTE FOR GROUNDWATER ELEVATIONS)

PROPOSED WARNING BARRICADE TO BE LOCATED AT TOP OF TEMPORARY 1:1 SLOPE (SEE NOTE 13, DWG. LA-1)

ACCESS TO SITE SHALL BE VIA EXISTING GRAVEL DRIVE IN SEABROOK, CONNECTING FROM ROUTE 107

GROUNDWATER INFORMATION:

GROUNDWATER ELEVATIONS AT GUN RANGE WELL FROM 1993 TO PRESENT

MAXIMUM OBSERVED GROUNDWATER: 5/93 71.63

MINIMUM OBSERVED GROUNDWATER: 11/01 59.67

LA-2
SHEET 2 OF 4

DESIGNED BY	GBW
DRAWN BY	GBW
CHECKED BY	DD
DWG SCALE	AS NOTED
CONTRACT NO	56766
DATE	OCT. 2002

SEABROOK, NH
RECLAMATION PLAN FOR GRAVEL PIT IN KENSINGTON, NH
TEMPORARY EXCAVATION SITE PLAN

THE STATE OF NEW HAMPSHIRE
PAUL E. COTE
No. 5961
LICENSED PROFESSIONAL ENGINEER

FULL SIZE DRAWING = 4"

NO.	REVISIONS	BY	DATE

EARTH TECH
196 Baker Avenue Concord MA 01742 (978) 371-4000

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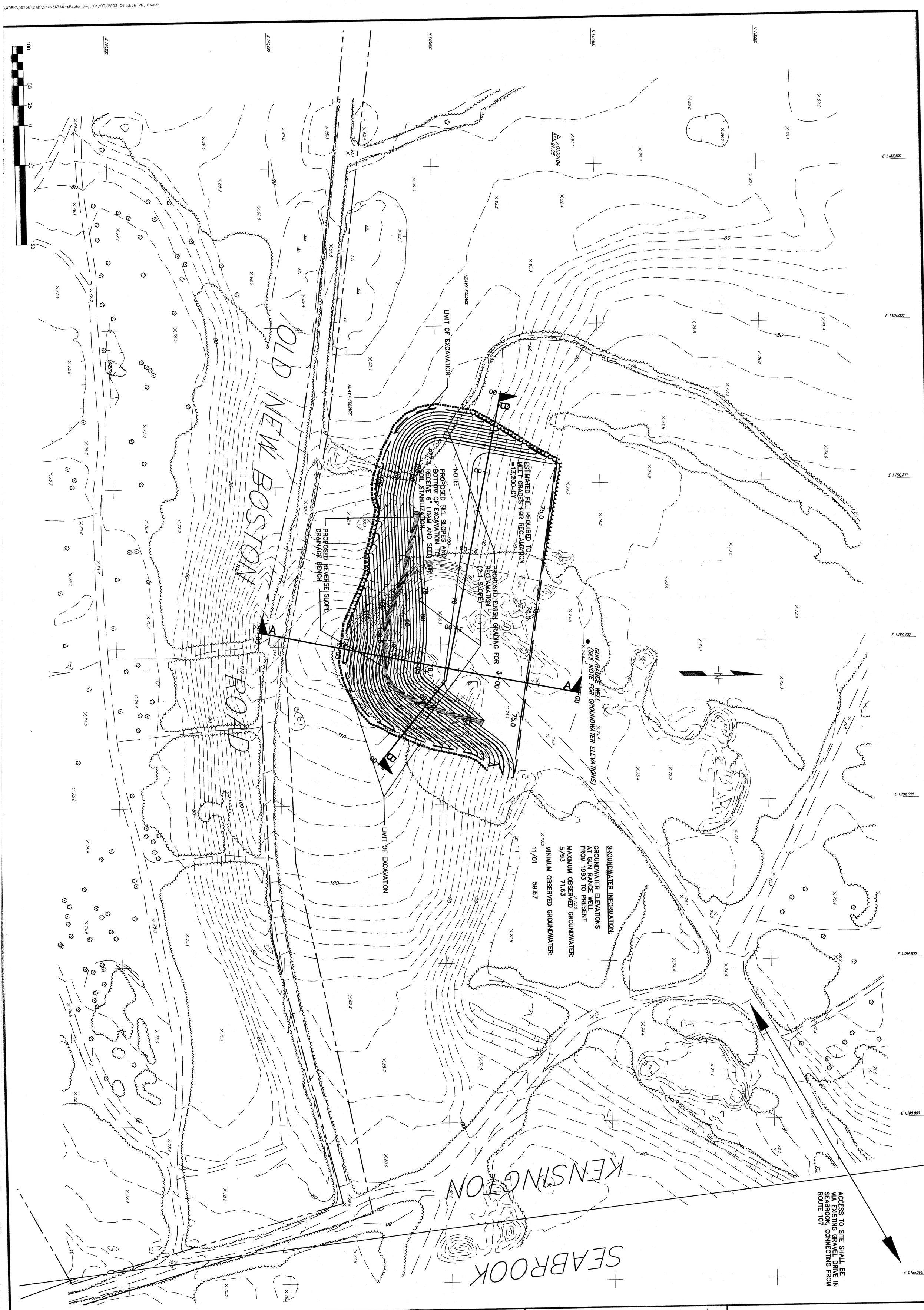


LA-3
SHEET 3 OF 4

DESIGNED BY	GBW
DRAWN BY	GBW
CHECKED BY	DD
DWG SCALE	AS NOTED
CONTRACT NO	56766
DATE	OCT. 2002

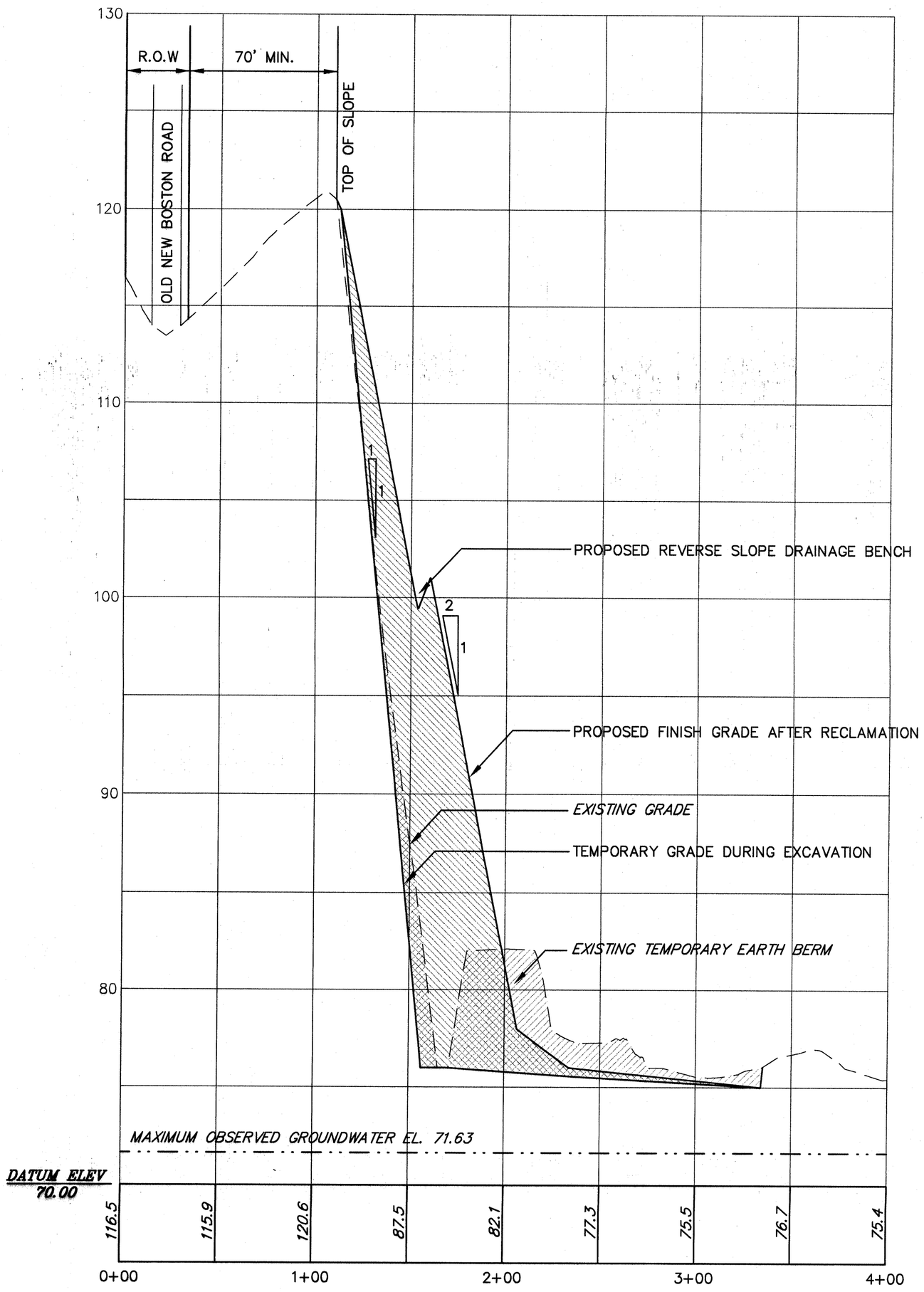
SEABROOK, NH
RECLAMATION PLAN FOR GRAVEL PIT IN KENSINGTON, NH
FINAL RECLAMATION SITE PLAN

THE STATE OF NEW HAMPSHIRE
PAUL G. CROSS
10,594
LICENSED
PROFESSIONAL ENGINEER

FULL SIZE DRAWING = 4"

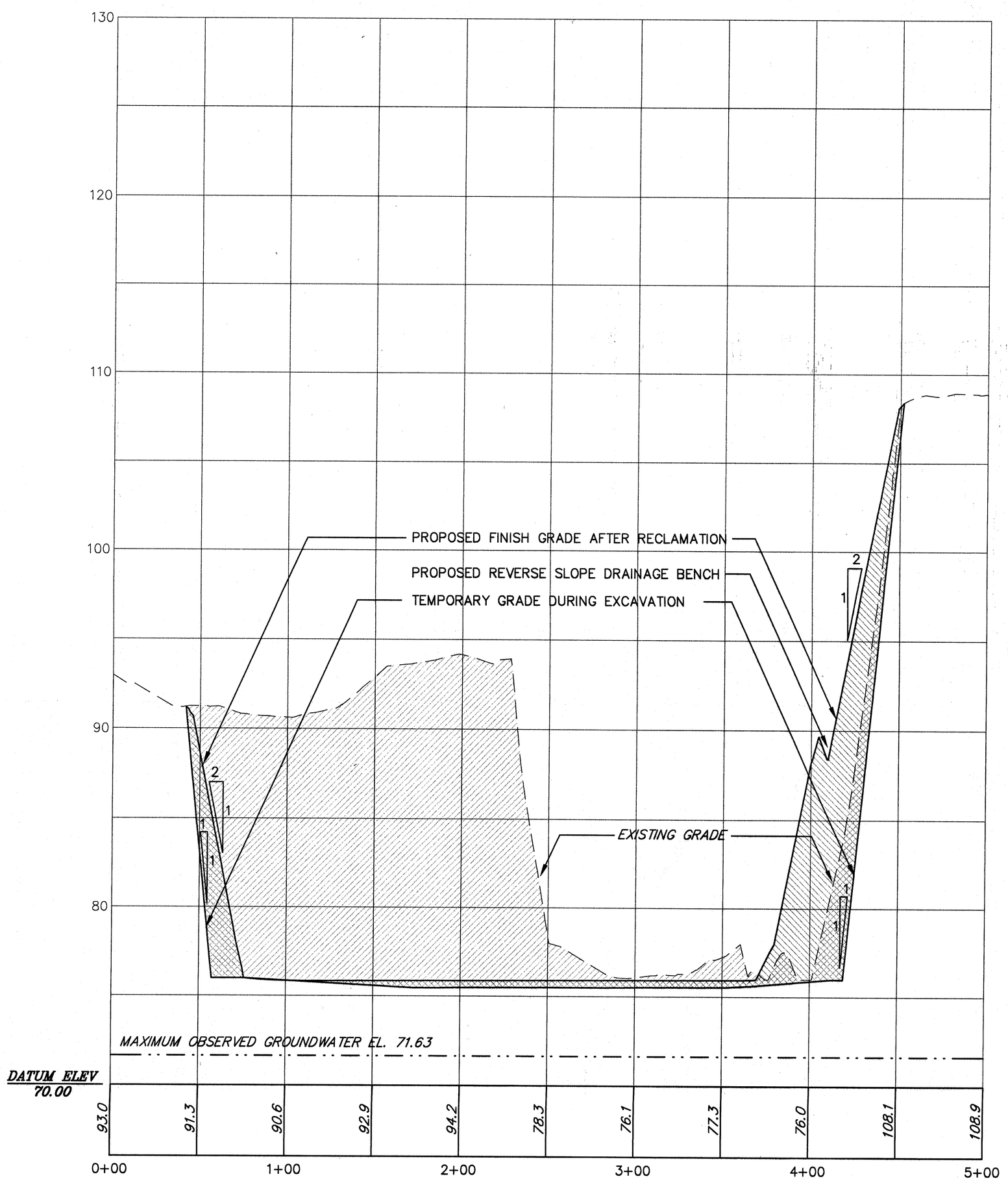
NO.	REVISIONS	BY	DATE

EARTH TECH
196 Baker Avenue Concord MA 01742 (978) 371-4000



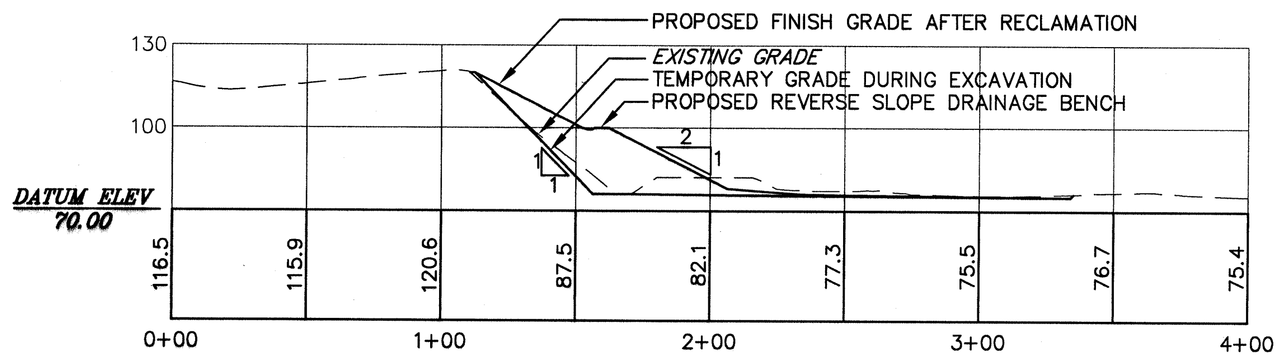
SECTION A–A (EXAGGERATED SCALE)

SCALE: HOR. 1"=40'
VERT. 1"=4'



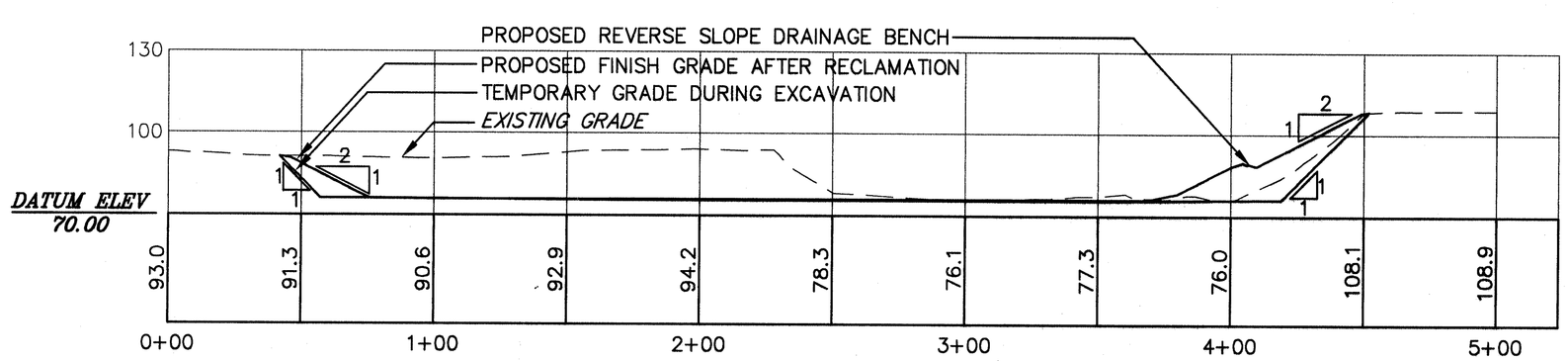
SECTION B–B (EXAGGERATED SCALE)

SCALE: HOR. 1"=40'
VERT. 1"=4'



SECTION A–A (TRUE SCALE)

SCALE: HOR. 1"=40'



SECTION B–B (TRUE SCALE)

SCALE: HOR. 1"=40'

LEGEND

EARTH EXCAVATION PRIOR TO RECLAMATION

EARTH FILL TO MEET PROPOSED GRADES FOR RECLAMATION

EARTH TECH
196 Baker Avenue Concord MA 01742 (978) 371-4000

FULL SIZE DRAWING = 4"

NO.	REVISIONS	BY	DATE

SEABROOK, NH
RECLAMATION PLAN FOR
GRAVEL PIT IN KENSINGTON, NH
SECTIONS THROUGH EXCAVATION AREA

DESIGNED BY GBW	DWG SCALE AS NOTED
DRAWN BY GBW	CONTRACT NO 56766
CHECKED BY DD	DATE OCT. 2002

LA–4

SHEET 4 OF 4

PLAN OF RILEY WELL FIELD
FOR
TOWN OF SEABROOK
IN
SEABROOK, N. H. & SALISBURY, MA.

THE STATE OF NEW HAMPSHIRE
RICHARD K. PARKER, Jr. No. 8
REGISTERED LAND SURVEYOR

SCALE: 1" = 100' JAN., 1981
PARKER SURVEY ASSOC., INC.
EXETER & SEABROOK, N. H.

0 50 100 200 300 400 FEET
0 5 10 20 50 100 METERS

Approximate Wetland Boundaries Flagged by Earth Tech 6/4/98

LEDGE ROAD
FND. HUB
N 89-47-38 E 221.14
20.05
N 04-32-04 W — 425.09
R.O.W. TO WELL FIELD
S 04-32-04 E — 425.54
N/F GERRISH LOT 12
LOT 11
LOT 4 | N/F T. GERRISH LOT 5 | LOT 6
R.C.R. 1755-221 SEE PLAN NOTE 1
FND. I. PIN
SET S.B.
185.39
S 88-15-23 E — 1057.17
650.73
ET1-36 (3flags) END
DITCH
200.96
20.04
N 04-26-04 W 117.09
SET S.B.
ET1-100 (3flags) Start
LOT 1
LOT 2
LOT 3
N/F LOCKE SEE PLAN NOTE 3 R.C.R. 1166-073 R.C.R. 615-14
S 70-34-10 E 481.46
SET S.B.
Approximate Limits of Required Wetland Mapping
N/F P. & L. BANGS SEE PLAN NOTE 6 R.C.R. 1191-70
S 04-12-10 E 495.55
N/F H. & G. MALLETT R.C.R. 2120-076
N/F J. & C. LECLAIR R.C.R. 2074-471
N/F G. COSTA AND D. & N. PINARD R.C.R. 2152-222
N/F S. & L. HILTON R.C.R. 2256-1211
N/F R. NADEAU R.C.R. 2297-0117
N/F H. MACK R.C.R. 2088-298
PLAN NOTE 2 SEE
RILEY ROAD
N 09-34-07 W 918.19
FND. STATE LINE BND.
Sewer Pumping Station
132.53
SET 1. PIN
SALISBURY, MASS.
SEABROOK, N. H.
BLACK SNAKE ROAD
ET1-22
ET1-23
ET1-400'
ET1-110
ET1-114 Proposed Well
R.C.R. 1863-098
R.C.R. 2249-1958
R.C.R. 2221-1027
Existing Well #3
FENCE AROUND WELL HOUSE Probate Access Road
ET1-17
ET1-16
400'
260'
39.58 ACRES ±
16.02 HECTARES ±
ET1-122 (3flags) END
Approximate Wetland Boundary
ET1-1 (3flags) Start
WELL HOUSE
Existing Well #4
wet 11/96
ground disturbance not staked
N/F KNAPP
N 57-35-58 W — 12644.61
N/F SALISBURY WATER SUPPLY CO. SEE E.C.R. BOOK 106 PLAN 61.
5015.10 BND. TO BND.
STATE LINE
Approximate Wetland Boundary
FND. POST @ S.B. RESET NEW S.B.
N 63-46-12 W 258.56
SET S.B. REPLACES FND. S.S.
S 03-28-16 W 535.91
N/F E. & R. BARTLETT SEE PLAN NOTE 4 R.C.R. 1416-181
N/F E. LOCKE SEE PLAN NOTE 4 R.C.R. 2265-0667
670.72
(AREA IN N.H.: 37.34 ACRES±)
SET S.B.
151.48
N 08-20-45 W 186.69
SET S.B.
1408.54
S 09-45-37 E 3164.28
(AREA IN MASS.: 224 ACRES±)
N/F E. FELTCH SEE E.C.R. 1355-429
FND. HUB END WALL
N 04-10-59 W 136.44
FND. STATE LINE BND.
FND. HUB END WALL
N 10-25-17 W 183.09
737.82
FND. TK. 8" MAPLE
N 00-04-42 E 136.09
SET HUB 12/14
FND. I.P. 12/14
APPROX. LIMIT OF ENCROACHMENT
N 03-17-40 W 44.42
N/F T. STACK E.C.R. 5869-152
N 06-07-10 W 122.81
3.62
137.04
N 88-25-20 W 140.66
SET S.B.
175'±
LOT 1 SEE PLAN NOTE 5
FOLLY MILL RD.

NOTE 1: SEE "SUBDIVISION OF LAND FOR THERESA GERRISH IN SEABROOK, N.H. SCALE: 1"=50' SEPTEMBER, 1977 PARKER SURVEY ASSOC., INC. EXETER & SEABROOK, N.H." PLAN NO. 3024

NOTE 2: SEE "SUBDIVISION PLAN OF LAND IN SEABROOK, N.H. FOR THOMAS A. RILEY. R.K. PARKER SURVEYOR WASHINGTON ST., SEABROOK, N.H. MAY 1968 SCALE: 1"=50'" PLAN NO. 522 (R.C.R. PLAN NO. 1138.)

NOTE 3: SEE "SUBDIVISION OF LAND FOR JERRY A. LOCKE IN SEABROOK, N.H. SCALE: 1"=100' NOVEMBER, 1975 PARKER SURVEY ASSOC., INC. SEABROOK, N.H." PLAN NO. 1985

NOTE 4: SEE "PLAN OF LAND FOR TOWN OF SEABROOK IN SEABROOK, N.H. & SALISBURY, MASS. SCALE: 1"=100' DECEMBER, 1974 REDRAFTED NOV. 1975 PARKER SURVEY ASSOC., INC. SEABROOK, N.H." PLAN NO. 1803 (R.C.R. PLAN NO. 5680).

NOTE 5: SEE "SUBDIVISION OF LAND FOR TOWN OF SEABROOK IN SEABROOK, N.H. & SALISBURY, MASS. SCALE: 1"=100' JAN., 1974 PARKER SURVEY ASSOC., INC. SEABROOK, N.H." PLAN NO. 1448 (R.C.R. PLAN NO. 4514)

NOTE 6: SEE "PLAT OF LAND FOR PAUL W. & LAURA J. BANGS IN SEABROOK, N.H. SCALE: 1"=50' NOV., 1980 PARKER SURVEY ASSOC., INC., EXETER & SEABROOK, N.H." PLAN NO. 4141.

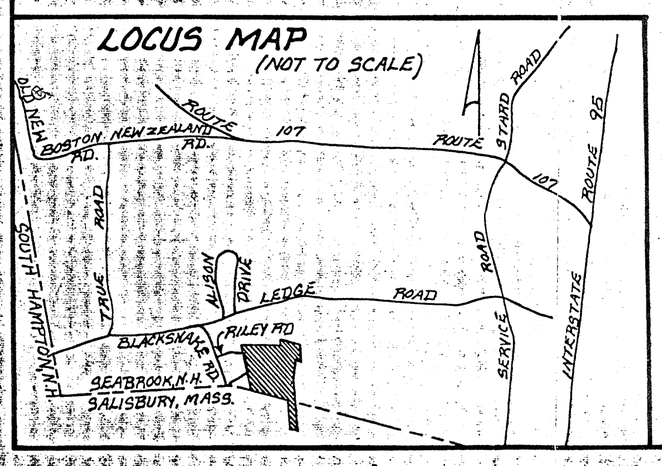
NOTE 7: SEE "PLAN OF LAND IN SEABROOK, N.H. TOWN WELL FIELD SCALE: 1"=100' JULY, 1968 R.K. PARKER JR. SURVEYOR WASHINGTON ST., SEABROOK, N.H." PLAN NO 519

FOR RECORDING PURPOSES ONLY
SEABROOK PLANNING BOARD:

DATE: _____

This print is given as a representation of a survey. The survey remains the property of the surveyor and reproduction of this print is prohibited except by permission of the surveyor. Additional data is often added in a continuous updating process. Consult the surveyor for the latest revision before acting on the data shown. The surveyor is not responsible for actions or projects for which he was not specifically consulted and is not responsible for actions or projects entered by any person except the one for whom this print was prepared.

LOCUS MAP
(NOT TO SCALE)



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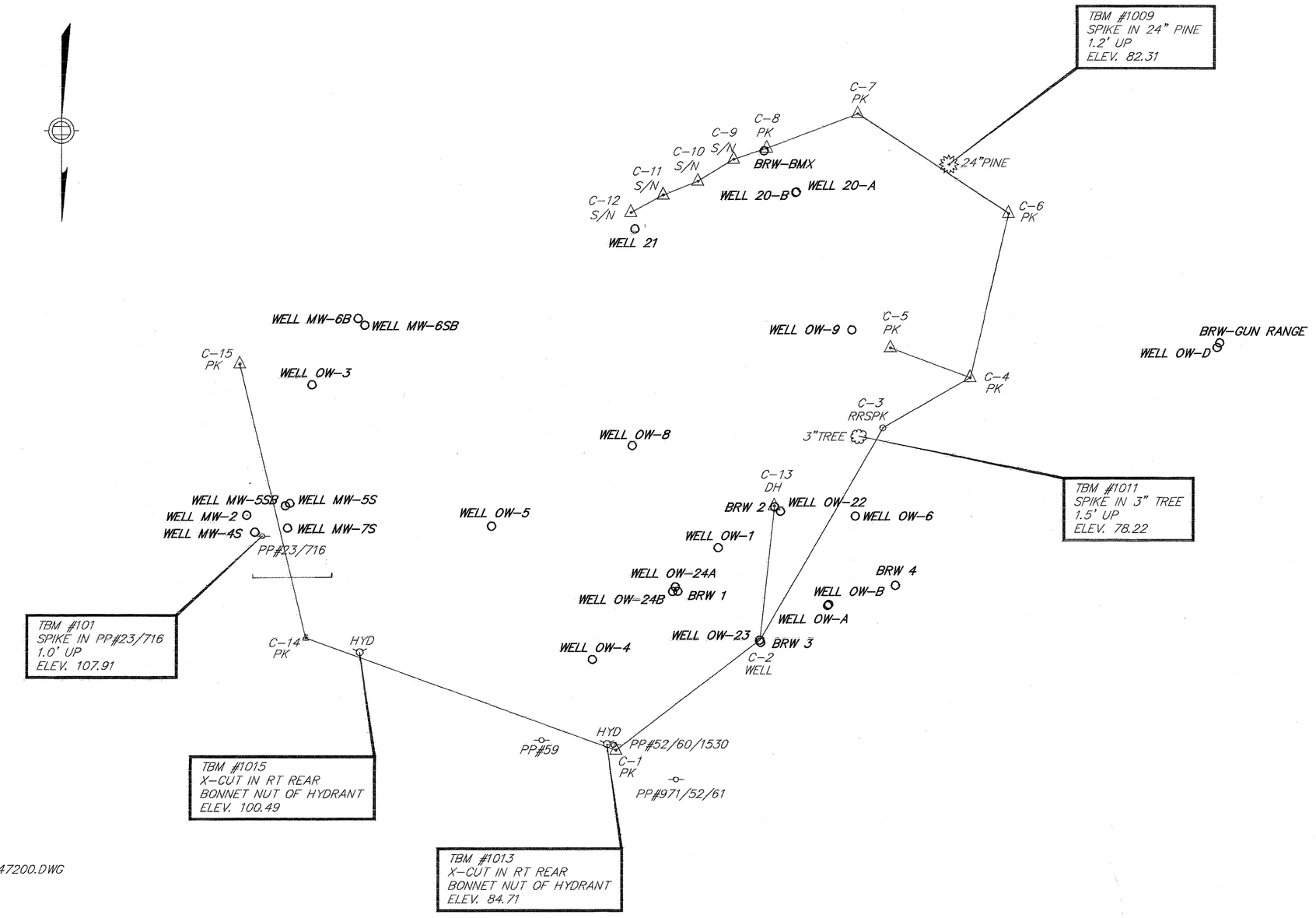

PROJECT : WELL LOCATIONS
CLIENT : SEABROOK, N.H.
FILE : H: \DRAWINGS\2D047\2D047200.DWG
JOB NO. : 2D-047
DATE SURVEYED : 03/03/93
DATE PLOTTED : 03/05/93
PLOTTED BY : JAB
DATE CHECKED : _____
CHECKED BY : _____
NORTH ARROW __X__
BENCH MARK __X__
SCALE : 1" = 200'

2D047200 03/16/93 07:53 ACAD07
H:\DRAWINGS\2D047\
2D047 2D047 2D047
BARBUTO BARBUTO BARBUTO

EarthTech

Well Type

- Existing Bedrock Well
- Existing Overburden Well
- Proposed Shallow Driven Point
- Public Supply Well

Base map data supplied by NHGRANIT and ESRI.
Date of photo: 2004

Figure 1

Site Plan
Prolonged Pumping Test Proposal
Supplemental Wells for BRW #5
Seabrook, New Hampshire

0 250 500 1,000
Feet

Map Document: (J:\work\102076\GIS\Maps\Site_Map_Pumping_Test.mxd)
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Proposed Water Level Monitoring Points, Seabrook, NH

Well	Measuring Point	Point Elevation	Determined by Stockton Services 2008 +/- Rim Elev **	Ground	PVC/ci	Vertical Datum NGVD??	Comments
Near Rte 107 Wellfield							
BMX	Rim	76.29				Check	should pump good
Gun Range	Rim	78.12				Check	should pump good
OW-D	Rim	77.84				Check	
BTW 1-01	Rim/Ground		76.01	74.5		yes	should pump good
BTW 3-01	Rim/Ground		94.65	92.5		yes	should pump good
TW 4-01	Rim/Ground	TBD				TBD	AECOM to pump
MW-5SB	PVC	99.16					
MW-6B	Rim	77.67				Check	should pump good
TW 8A-01, Kensington	Rim/Ground	TBD				Not to be surveyed	AECOM to pump
KFW-19	PVC/ Rim/Ground		80.78	78.8	80.48	yes	AECOM to pump
KFW-20	PVC/ Rim/Ground		80.97	79.1	80.83	yes	
MW-13B	Rim	64.84				Check	should pump good
Bedrock Well No. 5, 5.1, 5.2							
BTW 6-07	Rim/Ground		84.22	82.6		yes	
BTW 7-07	Rim/Ground		82.69	81.4		yes	
BRW 5.2 (10" Diam.next to BTW 7-07)	Rim/Ground		84.23	81.2		yes	
BTW 8-07	Rim/Ground		79.52	77.8		yes	
BRW 5.1 (10" Diam. next to BTW 8-07)	Rim/Ground		80.60	77.7		yes	
Maguire B-4	PVC/ Rim/Ground		91.61	89.1	91.3	yes	
Maguire B-5	PVC/ Rim/Ground		91.58	89.0	91.07	yes	AECOM to pump
TW 63-78	Rim/Ground		76.70	73.7		yes	
TW-1-88	Rim		71.22	69.7	70.38	yes	
True Road Wells							
P Station No.1	Floor	81.89				Check	
P Station No. 2	Floor	82.42				Check	
True Road Obs Well	Rim/PVC/Ground	TBD				Check	AECOM to pump; well selection TBD
Riley Road Wells							
OW-1D	Rim	61.78				Check	AECOM to pump
OW-1S	Rim	TBD				Check	AECOM to pump
Riley Bedrock TW	Rim	59.08				Check	should pump good
Mil Lane							
Pump Station No. 5	Sill	45.00				Check	
Mill Lane Obs Well (OW-33A)	Rim	46.58				Check	AECOM to pump
Bedrock TW Middle	Rim	45.08				Check	should pump good
Wildwood (Pineo Farm Rd)							
TW 15-75	Rim/Ground	TBD					
BTW 9-08	Rim/Ground	TBD					Remaining BTWs to be surveyed in fall
OTHER							
Batchelder Road	Rim/Ground	TBD					should pump good

Wells proposed for long-term water level monitoring are yellow highlighted

Elevations for AECOM Groundwater Study 2015 (NGVD)
By Stockton Services
Elevations obtained June through August 2015

Set Hub @ Batchelder	El 48.56
Set Hub @ TW 4-01	El 82.86
Set Hub @ Riley BRW	El 55.34
Set Hub @ OW-1S	El 64.35
Set Hub @ OW-1D	El 59.97
Set Hub @ True Rd Obs Well 4”	El 87.98
Set Hub @ BTW 9-08	El 40.20
Set Hub @ Gun Range	El 76.71
Set Hub @ BMX	El 75.60
Set Hub @ KFW-19	El 78.83
Set Hub @ MW-6B	El 74.95
Set Hub @ BTW Middle	El 43.17
Rim of Mill Lane GPW 6	El 45.75

Printed from Internet for on 6/12/2014

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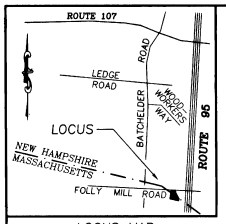
ROA132682



LOCUS MAP
NOT TO SCALE

NOTES:

1) THIS PLAN DOES NOT SHOW ANY UNRECORDED OR UNWRITTEN EASEMENTS WHICH MAY EXIST. A REASONABLE AND DILIGENT ATTEMPT HAS BEEN MADE TO OBSERVE ANY APPARENT VISIBLE USES OF THE LAND; HOWEVER, THIS DOES NOT CONSTITUTE A GUARANTEE THAT NO SUCH EASEMENTS EXIST.

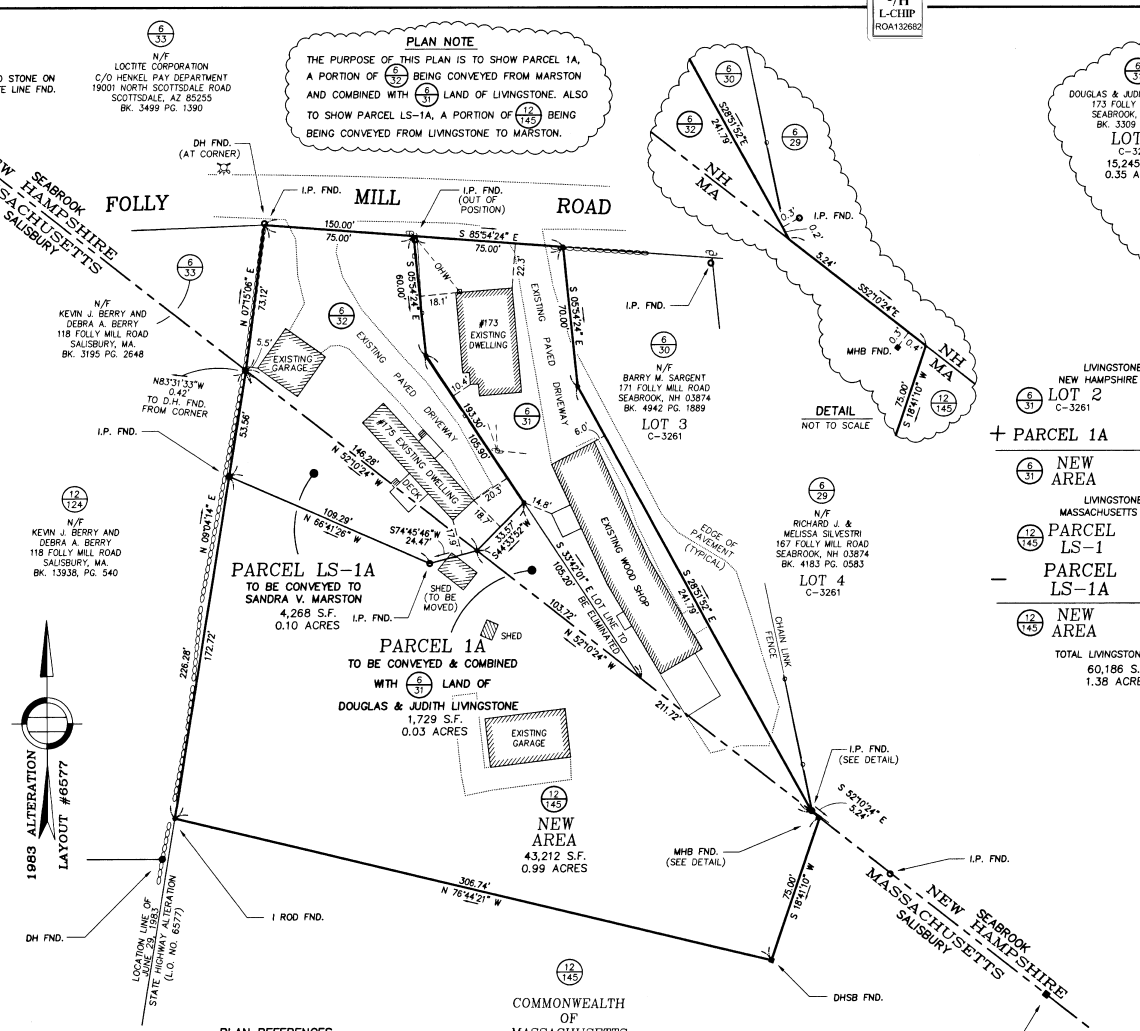
SEABROOK, NH ZONING DISTRICT

ZONE 3 INDUSTRIAL

AREA	30,000 S.F.
FRONTAGE	125'
BUILDING SETBACKS	
FRONT	50'
SIDE	15'
REAR	15'
WET	10'

LEGEND

■ M.H.B.	MA HIGHWAY BOUND
● D.H.	DRILL HOLE
○ I.P.	IRON PIPE
● I ROD	IRON ROD TO BE SET UNLESS NOTED OTHERWISE
FND.	FOUND
0/00	ASSESSORS MAP AND PARCEL
	HYDRANT
--OHW--	OVERHEAD WIRE


PLAN NOTE
THE PURPOSE OF THIS PLAN IS TO SHOW PARCEL 1A, A PORTION OF (6/32) BEING CONVEYED FROM MARSTON AND COMBINED WITH (6/31) LAND OF LIVINGSTONE. ALSO TO SHOW PARCEL LS-1A, A PORTION OF (12/145) BEING BEING CONVEYED FROM LIVINGSTONE TO MARSTON.
ROAD STONE ON STATE LINE FND.
NEW SEABROOK HAMPSHIRE MASSACHUSETTS SALISBURY
(6/33) N/F LOCTITE CORPORATION C/O HENKEL PAY DEPARTMENT 19001 NORTH SCOTTSDALE ROAD SCOTTSDALE, AZ 85255 BK. 3499 PG. 1390
DH FND. (AT CORNER)
I.P. FND.
FOLLY MILL ROAD
I.P. FND. (OUT OF POSITION)
150.00'
75.00'
S 85°54'24" E 75.00'
(6/33) N/F KEVIN J. BERRY AND DEBRA A. BERRY 118 FOLLY MILL ROAD SALISBURY, MA. BK. 3195 PG. 2648
(6/32) N/F BARRY M. SARGENT 171 FOLLY MILL ROAD SEABROOK, NH 03874 BK. 4942 PG. 1889 LOT 3 C-3261
#173 EXISTING DWELLING
EXISTING GARAGE
EXISTING PAVED DRIVEWAY
#175 EXISTING DWELLING
EXISTING WOOD SHOP
SHED (TO BE MOVED)
SHED
N 07°55'56" E 73.12'
N83°31'33"W 0.42' TO D.H. FND. FROM CORNER
I.P. FND.
N 07°55'56" E 53.56'
N 52°10'24" W 146.28'
N 56°41'26" W 109.29'
N 07°19'14" E 172.72'
226.28'
PARCEL LS-1A TO BE CONVEYED TO SANDRA V. MARSTON 4,268 S.F. 0.10 ACRES
PARCEL 1A TO BE CONVEYED & COMBINED WITH (6/31) LAND OF DOUGLAS & JUDITH LIVINGSTONE 1,729 S.F. 0.03 ACRES
(12/124) N/F KEVIN J. BERRY AND DEBRA A. BERRY 118 FOLLY MILL ROAD SALISBURY, MA. BK. 13938, PG. 540
S74°45'46"W 24.47'
S 24°43'52" E 11.57'
S 33°42'01" E LOT LINE TO BE ELIMINATED 103.20'
103.72'
N 52°10'24" W
211.72'
(6/29) N/F RICHARD J. & MELISSA SILVESTRI 167 FOLLY MILL ROAD SEABROOK, NH 03874 BK. 4183 PG. 0583 LOT 4 C-3261
EDGE OF PAVEMENT (TYPICAL)
CHAIN LINK FENCE
S 28°57'56" E 241.79'
I.P. FND. (SEE DETAIL)
S 52°10'24" E 5.24'
MHB FND. (SEE DETAIL)
I.P. FND.
S 18°41'10" W 75.00'
NEW SEABROOK HAMPSHIRE MASSACHUSETTS SALISBURY
DHSB FND.
MHB FND. (HELD)
1983 ALTERATION LAYOUT #6577
DH FND.
I ROD FND.
LOCATION LINE OF ADJACENT 1983 STATE HIGHWAY ALTERATION (L.O. NO. 6577)
306.74'
N 76°44'21" W
(12/145) NEW AREA 43,212 S.F. 0.99 ACRES
COMMONWEALTH OF MASSACHUSETTS ROUTE I-95 REST AREA
NH MA
S 28°57'56" E 241.79'
S 52°10'24" E 5.24'
I.P. FND.
MHB FND.
S 18°41'10" W 75.00'
(6/30) (6/32) (6/29)
DETAIL
NOT TO SCALE

RECORD OWNERS

(6/31) DOUGLAS & JUDITH LIVINGSTONE 173 FOLLY MILL ROAD SEABROOK, NH 03874 BK. 3309 PG. 2482 LOT 2 C-3261 15,245 S.F. 0.35 ACRES

(6/32) SANDRA V. MARSTON 175 FOLLY MILL ROAD SEABROOK, NH 03874 BK. 5213 PG. 0892 LOT 1 C-3261 13,109 S.F. 0.30 ACRES

(12/145) DOUGLAS & JUDITH LIVINGSTONE 173 FOLLY MILL ROAD SEABROOK, NH 03874 BK. 22180 PG. 507 PARCEL LS-1 PLAN BOOK 373 PLAN 19 13,109 S.F. 0.30 ACRES

LOT HISTORY TABLE

LIVINGSTONE NEW HAMPSHIRE LAND		MARSTON NEW HAMPSHIRE LAND	
(6/31) LOT 2 C-3261	15,245 S.F. 0.35 ACRES	(6/32) LOT 1 C-3261	13,109 S.F. 0.30 ACRES
+ PARCEL 1A	1,729 S.F. 0.04 ACRES	− PARCEL 1A	1,729 S.F. 0.04 ACRES
(6/31) NEW AREA	16,974 S.F. 0.39 ACRES	(6/32) NEW AREA	11,380 S.F. 0.26 ACRES
LIVINGSTONE MASSACHUSETTS LAND		**MARSTON MASSACHUSETTS LAND**	
(12/145) PARCEL LS-1	47,480 S.F. 1.09 ACRES	PARCEL LS-1A	4,268 S.F. 0.10 ACRES
− PARCEL LS-1A	4,268 S.F. 0.10 ACRES	PARCEL LS-1A IS NOT TO BE CONSIDERED A SEPARATE LOT	
(12/145) NEW AREA	43,212 S.F. 0.99 ACRES	TOTAL MARSTON LAND	15,648 S.F. 0.36 ACRES
TOTAL LIVINGSTONE LAND	60,186 S.F. 1.38 ACRES		

NOTE:
ANOTHER PLAN HAS ALSO BEEN PREPARED FOR RECORDING AT ESSEX SOUTH COUNTY REGISTRY OF DEEDS IN MASSACHUSETTS.

SEABROOK PLANNING BOARD APPROVAL

CHAIRMAN _____ DATE 10/24/11

THE CERTIFICATIONS SHOWN HEREON ARE INTENDED TO MEET REGISTRY OF DEEDS REQUIREMENTS AND ARE NOT A CERTIFICATION TO TITLE OR OWNERSHIP OF PROPERTY SHOWN. OWNERS OF ADJOINING PROPERTIES ARE ACCORDING TO CURRENT TOWN/CITY ASSESSORS' RECORDS.

I CERTIFY:

THAT THIS ACTUAL SURVEY WAS MADE ON THE GROUND IN AUGUST 2011

THAT THIS PLAN CONFORMS TO THE RULES AND REGULATIONS OF REGISTER OF DEEDS.

THAT THIS SURVEY CONFORMS TO THE REQUIREMENTS FOR ACCURACY FOR N.H. URBAN SURVEY.

NO. 904 HENRY rl. BOYD, JR. LICENSED LAND SURVEYOR

10-04-2011

LICENSED LAND SURVEYOR STATE OF NEW HAMPSHIRE — DATE

PLAN REFERENCES

NEW HAMPSHIRE

C-3261 "SUBDIVISION OF LAND FOR EDWARD LUCK IN SEABROOK, N.H." SCALE 1"=60' DATED JUNE, 1972 BY PARKER SURVEY ASSOCIATES, INC. SEABROOK N.H.

MASSACHUSETTS

PLAN BOOK 373 PLAN 19 "PLAN OF LAND IN SALISBURY, MA SHOWING A PARCEL CONVEYANCE FORM THE COMMONWEALTH OF MASSACHUSETTS PREPARED FOR THE COMMONWEALTH OF MASSACHUSETTS DIVISION OF CAPITAL ASSET MANAGEMENT" SCALE:1"=40' DATED: MARCH 15, 2002 BY: MILLENNIUM ENGINEERING, INC.

GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 INCH = 30'

SEABROOK PLANNING BOARD CASE #2011-24

PLAT OF LAND
IN
SEABROOK, NH & SALISBURY, MA

SHOWING
LOT LINE ADJUSTMENTS & A PARCEL CONVEYANCE AT 173 & 175 FOLLY MILL ROAD
(SEABROOK ASSESSORS MAP 6 LOTS 31 & 32)
(SALISBURY ASSESSORS MAP 12 LOT145)

RECORD OWNERS
DOUGLAS & JUDITH LIVINGSTONE
173 FOLLY MILL ROAD SEABROOK, NH 03874
SANDRA V. MARSTON
175 FOLLY MILL ROAD SEABROOK, NH 03874

MILLENNIUM ENGINEERING INC.
ENGINEERS AND LAND SURVEYORS
P.O. BOX 745 13 HAMPTON ROAD EXETER, NH 03833
PHONE:(603)778-0528 FAX:(603)772-0689 WWW.MEI-NH.COM

NO.	DATE	DESCRIPTION	BY
1	09-23-11	ADDRESS PLANN. BOARD COND.	H.H.B.

SCALE: 1"=30' | CALC. BY: H.H.B. | PROJECT: 211081
DATE: AUG. 07, 2011 | CHKD. BY: S.J.R. | SHEET 1 OF 1

D-37002

FIGURES IN BLACK PROVIDED BY CLIENT

FIGURES IN RED FROM FIELD SURVEY DEC 2008 BY STOCKTON SERVICES

** NGVD CONTROL PROVIDED BY CLIENT

*** NAD 83 TOWN-WIDE CONVERSION PROVIDED BY CLIENT

Well	Measuring Point	Point Elevation	Northing*	Easting*	Northing, Easting ***	Rim Elev **	Ground	PVC/ci	Water I	Bottom
BMX	Rim	76.29	147621.876	1185648.719	elev/coord not verified				(12/08)	of pond
Gun Range	Rim	78.12	147784.020	1184407.040	elev/coord not verified					
OW-D	Rim	77.84	147796.406	1184409.298	elev/coord not verified					
BTW 1-01	Rim/Ground	TBD	146198.216	1183467.071	coord not verified	76.01	74.5			
BTW 3-01	Rim/Ground	TBD	147985.300	1183835.970	coord not verified	94.65	92.5			
BTW 4-01	Rim/Ground	TBD	146044.309	1183496.171	coord not verified	73.21	71.1			
BRTW 1-00	Rim/Ground	TBD	146018.917	1184636.387	coord not verified	73.39			70.3	69.7
#1 Francis Drive, Seabroo	Rim/Ground	TBD	145724.319	1185929.059	coord not verified	93.45	92.4			
#11 Exeter Road, S Hamp	Rim/Ground	TBD	145792.465	1184196.164	coord not verified	99.06	98.3			
MW-5SB	PVC	99.16	148806.600	1186575.380	elev/coord not verified					
MW-6B	Rim	77.67	148317.305	1186519.207	elev/coord not verified					
KFW-19	PVC/ Rim/Groun	TBD	147231.478	1185096.580	coord not verified	80.78	78.8	80.48		
KFW-20	PVC/ Rim/Groun	TBD	147281.620	1185083.342	coord not verified	80.97	79.1	80.83		
MW-10B	Rim	71.2	147669.505	1186236.371	elev/coord not verified					
MW-11B	Rim	70.21	147201.637	1186191.318	elev/coord not verified					
MW-12B	Rim	64.17	147544.864	1186994.588	elev/coord not verified					
MW-13B	Rim	64.84	146716.220	1187082.150	elev/coord not verified					
BTW 6-07	Rim/Ground	TBD	146713.680	1185462.760	146722, 1185458	84.22	82.6			
BTW 7-07	Rim/Ground	TBD	146442.040	1185604.320	146453, 1185594	82.69	81.4			
BRW 5.2 (10" Diam.next	Rim/Ground	TBD	146466.547	1185595.292	coord not verified	84.23	81.2			
BTW 8-07	Rim/Ground	TBD	146220.080	1185723.140	146227, 1185709	79.52	77.8			
BRW 5.1 (10" Diam. nex	Rim/Ground	TBD	146223.237	1185716.690	coord not verified	80.60	77.7			
Maguire B-4	PVC/ Rim/Groun	TBD	146462.494	1185428.175	146461, 1185427	91.61	89.1	91.3		
Maguire B-5	PVC/ Rim/Groun	TBD	146000.914	1185548.646	145987, 1185537	91.58	89.0	91.07		
TW 63-78	Rim/Ground	TBD	146441.038	1185850.932	coord not verified	76.70	73.7			
DP-1	Rim/Pond Botton	TBD	146553.634	1185307.862	coord not verified	70.70			70.3	68.4
DP-2	Rim/Pond Botton	TBD	146053.553	1185470.714	coord not verified	70.63			70.3	68.9
DP-3	Rim/Pond Botton	TBD	146638.436	1184771.892	coord not verified	70.75			70.3	68.0
SGW-78	PVC/ Rim/Groun	TBD	145799.275	1185557.912	145798, 1185557	94.48	93.2	93.89		
TW-1-88	Rim	((68.04))	146713.300	1185830.706	146690, 1185840	71.22	69.7	70.38		

256 R3

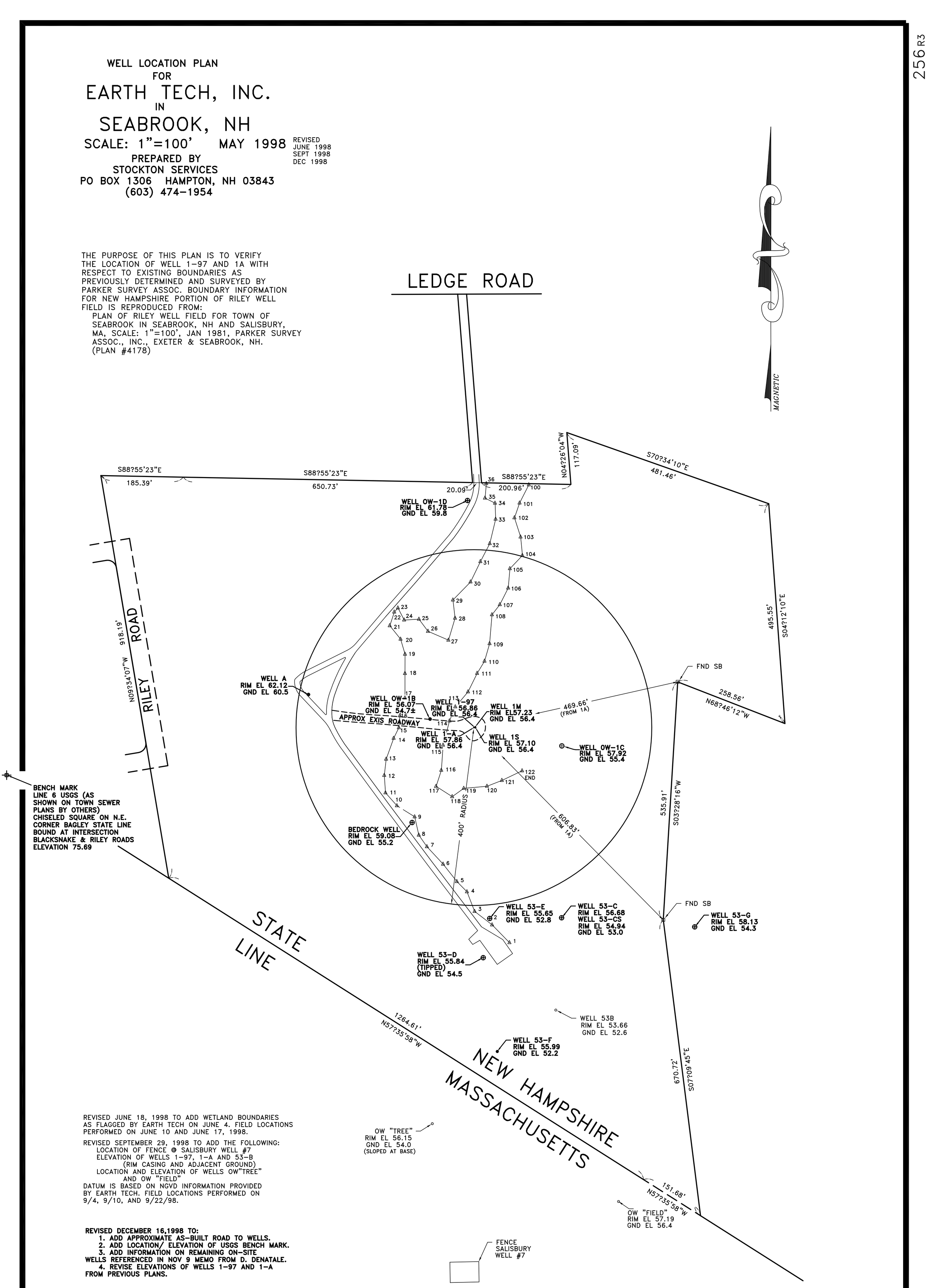
WELL LOCATION PLAN
FOR
EARTH TECH, INC.
IN
SEABROOK, NH

SCALE: 1"=100' MAY 1998

REVISED
JUNE 1998
SEPT 1998
DEC 1998

PREPARED BY
STOCKTON SERVICES
PO BOX 1306 HAMPTON, NH 03843
(603) 474-1954

THE PURPOSE OF THIS PLAN IS TO VERIFY THE LOCATION OF WELL 1-97 AND 1A WITH RESPECT TO EXISTING BOUNDARIES AS PREVIOUSLY DETERMINED AND SURVEYED BY PARKER SURVEY ASSOC. BOUNDARY INFORMATION FOR NEW HAMPSHIRE PORTION OF RILEY WELL FIELD IS REPRODUCED FROM:
PLAN OF RILEY WELL FIELD FOR TOWN OF SEABROOK IN SEABROOK, NH AND SALISBURY, MA, SCALE: 1"=100', JAN 1981, PARKER SURVEY ASSOC., INC., EXETER & SEABROOK, NH. (PLAN #4178)

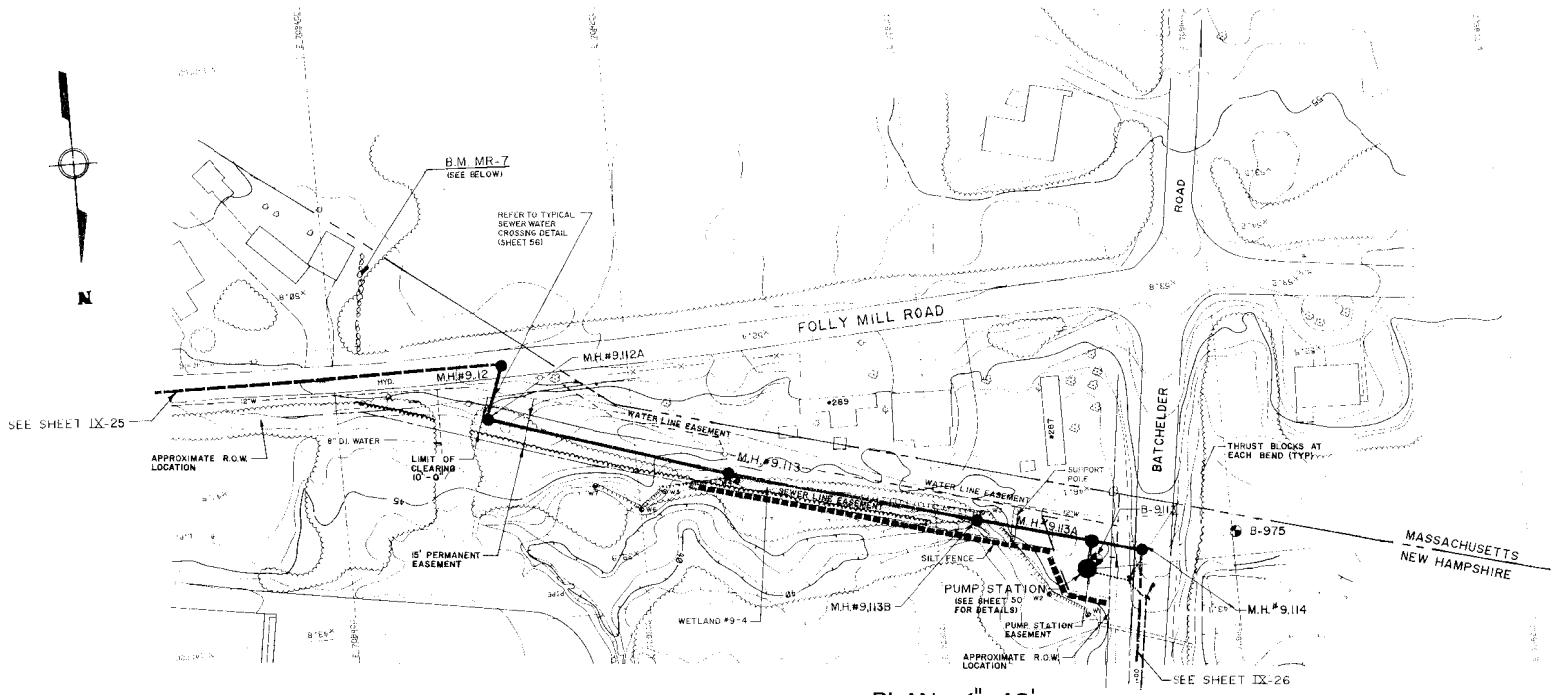


REVISED JUNE 18, 1998 TO ADD WETLAND BOUNDARIES AS FLAGGED BY EARTH TECH ON JUNE 4. FIELD LOCATIONS PERFORMED ON JUNE 10 AND JUNE 17, 1998.

REVISED SEPTEMBER 29, 1998 TO ADD THE FOLLOWING:
LOCATION OF FENCE @ SALISBURY WELL #7
ELEVATION OF WELLS 1-97, 1-A AND 53-B
(RIM CASING AND ADJACENT GROUND)
LOCATION AND ELEVATION OF WELLS OW"TREE" AND OW "FIELD"
DATUM IS BASED ON NGVD INFORMATION PROVIDED BY EARTH TECH. FIELD LOCATIONS PERFORMED ON 9/4, 9/10, AND 9/22/98.

REVISED DECEMBER 16,1998 TO:
1. ADD APPROXIMATE AS-BUILT ROAD TO WELLS.
2. ADD LOCATION/ ELEVATION OF USGS BENCH MARK.
3. ADD INFORMATION ON REMAINING ON-SITE WELLS REFERENCED IN NOV 9 MEMO FROM D. DENATALE.
4. REVISE ELEVATIONS OF WELLS 1-97 AND 1-A FROM PREVIOUS PLANS.

256 R3



NOTE:
UNDERGROUND FACILITIES, STRUCTURES AND UTILITIES HAVE BEEN PLOTTED FROM AVAILABLE SURVEYS AND RECORDS, AND THEREFORE THEIR LOCATIONS MUST BE CONSIDERED APPROXIMATE ONLY. THERE MAY BE OTHERS, THE EXISTENCE OF WHICH IS PRESENTLY NOT KNOWN.

CONTRACTOR SHALL PROVIDE HAY BALE BARRIERS AND SILTATION FENCING AS SHOWN OR DIRECTED FOR THE CONTROL OF EROSION AND SEDIMENTATION.

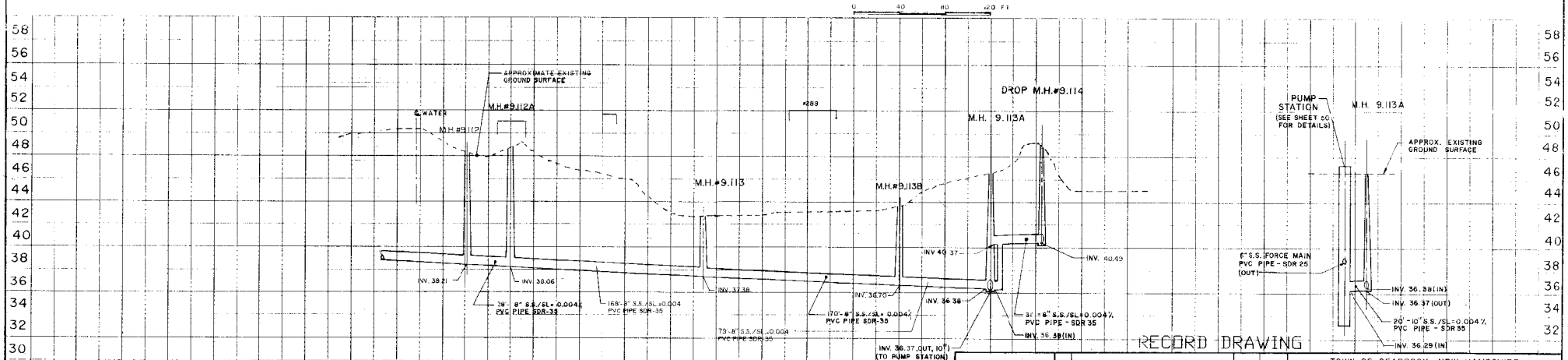
ALL EXISTING STRUCTURES AND SITE FEATURES, INCLUDING, LANDSCAPING, OVERHEAD AND BELOW GROUND UTILITIES, SIGNS, ETC., WHICH ENCROACH UPON OR CROSS THE TRENCH EXCAVATION OR RELATED WORK, SHALL BE PROTECTED, SUPPORTED, OR REPLACED AS NECESSARY BY THE CONTRACTOR THROUGHOUT THE CONSTRUCTION PROCESS. DAMAGE OF ANY KIND TO SUCH STRUCTURES OR FEATURES, CAUSED BY, OR RESULTING FROM THE CONTRACTOR'S OPERATION, SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.

B.M. MR-7
FND. DISK IN 5 BY 3 BY 2 FT. BOULDER IN STONE WALL RUNNING SOUTH THROUGH WOODS APPROX. .9 MILES N.W. OF SMITHTOWN 15 FT. N.E. OF MASS. N.H. STATE LINE AT A POINT 190 FT. S.E. OF MORRILL ANGLE MONUMENT. DISK IS 60 FT. S. OF CENT. LN. FOLLY MILL RD.

ELEV. 52.885

PLAN 1" = 40'

0 40 80 120 FT



PROFILE 1" = 40' (H) 1" = 4' (V)

RECORD DRAWING

2	RECORD DRAWING	KA	04/96	BHJ	BHJ	04/96	
1	ISSUED FOR CONSTRUCTION				BHJ	5/95	
0	ISSUED FOR APPROVAL	EM	5/93	WM	SNR	BHJ	7/93
ISSUE NO.		DRAWN	DATE	CHECKED	DESIGNER	APPROVED	DATE

PROJECT SUPERVISOR APPROVED

TOWN OF SEABROOK, NEW HAMPSHIRE

SANITARY SEWER CONSTRUCTION

FOLLY MILL ROAD
CROSS COUNTRY
(MANHOLE #9.112)-(MANHOLE #9.114)

Jones & Beach / Stearns & Wheler
JOINT VENTURE — CONSULTING ENGINEERS
STRATHAM, NEW HAMPSHIRE

JOB NO. 1444/8704 CONTRACT NO. IX SHEET 24 OF 60

Whitman & Howard August 1993

Table 2-1
Well Construction Data
Hydrogeologic Investigation
Gruhn Engine Repair Site / Bedrock Well 5
Seabrook Water Department
Seabrook, New Hampshire

Well I.D.	Measuring Point	Measuring Point Elev., Feet NGVD	Ground Elevation, Feet NGVD	Screened Geologic Material	Depth of Screen or Open Hole In Feet	Well Type
Adams	PVC	104.32	104.3	Sand	0-10	Dug Well
Batchelder Rd.	Rim	49.06	48.4	Rock		6 In.Rock Hole
BMX	Rim	76.29	75.5	Rock		6 In.Rock Hole
BRW-5	Rim	68.46	68	Rock	98-492	6 In.Rock Hole
Gruhn	Rim	105.41	105.2	Shallow Rock	98-106	6 In.Rock Hole
Gun Range	Rim	78.12	76.7	Rock		6 In.Rock Hole
KFW-19	Rim	80.78	80	Sand & Gravel	36-39	2 IN. PVC
KFW-20	Rim	81	79.3	Sand & Gravel	17-20	2 IN. PVC
Melia	Rim	105	105	Rock	140 (+/-)	6 In.Rock Hole
Mill Lane 1	Rim	45.2	43.3	Rock		6 In.Rock Hole
Mill Lane 2	Rim	42.67	42	Rock		6 In.Rock Hole
MW-1-91	PVC	103.79	104.3	Till	10 - 35	2 IN. PVC
MW-2-91	PVC	105.00	105.2	Till/Sand & Gr.	14 - 34	2 IN. PVC
MW-3-91	PVC	105.73	106.1	Till	15 - 35	2 IN. PVC
MW-4S-93	PVC	107.12	107.7	Till	23 - 38	2 IN. PVC
MW-5S-93	PVC	96.86	94.9	Sand & Gravel	13 - 23	2 IN. PVC
MW-5SB-93	PVC	99.16	99.2	Shallow Rock	95 - 104	1.5 IN. PVC
MW-6B-93	Rim	77.67	75.5	Rock	73 - 203	6 In.Rock Hole
MW-6SB-93	PVC	76.92	74.9	Shallow Rock	62 - 72	1.5 IN. PVC
MW-7S-93	PVC	101.18	98.3	Sand & Gravel	22 - 32	2 IN. PVC
OW-A	Rim	67.80	67.4	Shallow Rock ?		2 IN. Steel ?
OW-B	Rim	67.97	66.4	Shallow Rock ?		2 IN. Steel ?
OW-D	Rim	77.84	76.3	Rock		Rock Hole
OW-1	Rim	68.68	66.3	Shallow Rock ?	? - 49	2 IN. Steel ?
OW-3	Rim	85.28	83.4	Shallow Rock ?	? - 39	2 IN. Steel ?
OW-4	Rim	73.84	72	Shallow Rock ?		2 IN. Steel ?
OW-5	Rim	71.66	69.8	Shallow Rock ?	? - 49	2 IN. Steel ?
OW-6	Rim	73.41	71.6	Shallow Rock ?		2 IN. Steel ?
OW-8	Rim	64.46	63.7	Shallow Rock ?	? - 43	2 IN. Steel ?
OW-9	Rim	75.40	74.7	Shallow Rock ?		2 IN. Steel ?
OW-20-A	Rim	77.28	75.7	Shallow Rock ?	?	
OW-20-B	Rim	76.32	75.7	Shallow Rock ?		
OW-21	Rim	64.64	64.1	Shallow Rock ?	? - 72	
OW-22	Rim	79.04	77.5	Rock		Rock Hole
OW-23	Rim	79.23	78.2	Rock		Rock Hole
OW-24-A	Rim	78.84	77.9	Rock		Rock Hole
OW-24-B	Rim	78.76	77.6	Rock		Rock Hole
PS-1-91	Rim	98.87	96.9	Till	4.5 - 14.5	0.5 IN. Steel
SGW-78	Rim	94.44	93.2	Sand	27-30	2 IN. PVC
Sicard	Rim	109.99	110	Rock	?-168	6 In. Rock Hole
TW-1-88	Rim	68.04	67.5	Rock	88-402	6 In. Rock Hole
TW-63-78	Rim	76.70	74.1	Sand	31-36	2.5 IN. Steel

PVC = Top of plastic well riser
Rim = Top of metal riser or protective casing

for volatile organic compounds (VOCs) by EPA Methods 8240 or 8260 by PACE, Inc. of Hampton Falls, New Hampshire.

All but one of the borings and monitoring wells were completed by A&W Environmental Drilling, Ltd of Woonsocket, Rhode Island during February 1993. A W&H staff geologist observed the borings and well installations. All tools used in drilling operations were steam-cleaned prior to use at each location to minimize the possibility of cross-contamination.

The bedrock monitoring well, MW-6B-93, was drilled by O.E. Dube & Son of Merrimack, New Hampshire in February 1993.

B. ELEVATION AND LOCATION SURVEY

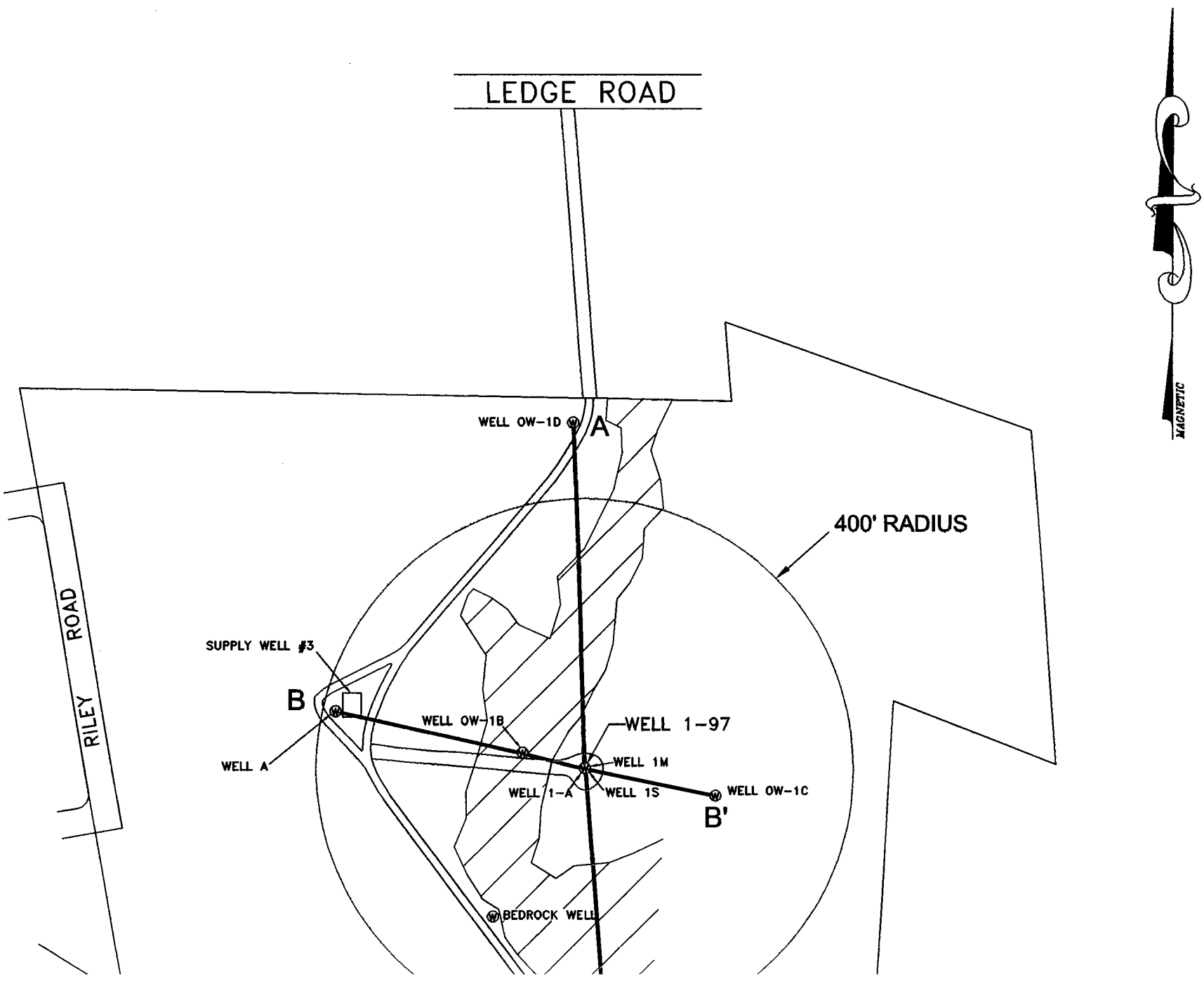
All available overburden and bedrock wells in the study area were surveyed for elevation and location by Whitman & Howard. Well locations were tied to known references and plotted on a base map derived from aerial photography. Well elevations were referenced to National Geodetic Vertical Datum (NGVD), also known as mean sea level. Well locations are shown on the base map, Figure 2-1; elevations are on Table 2-1.

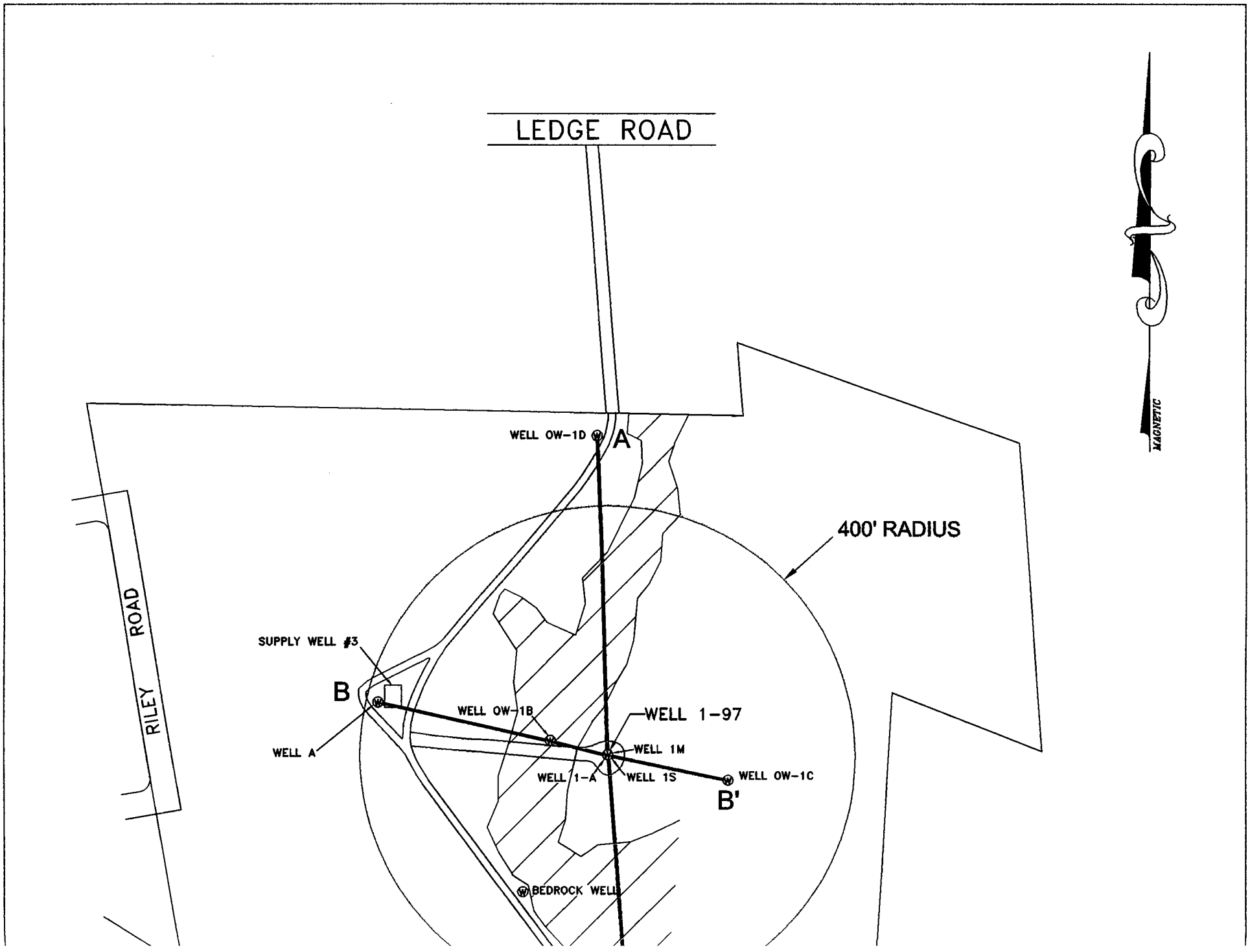
In addition, three wells outside the study area were surveyed: two bedrock observation wells at Seabrook's Mill Lane water supply pumping station, and a bedrock observation well on Batchelder Road. These locations are shown on Figure 1-1; elevations are on Table 2-1. Water levels in the Mill Lane and Batchelder Road wells, observed frequently during this study, were expected to reflect ambient trends in bedrock.

The well survey was necessary to develop groundwater contour maps, to plot the distribution of VOC contamination in groundwater, and for assembling geologic cross-sections.

C. PUMPING TESTS

A pumping test of BRW 5 was conducted primarily to determine whether an hydraulic connection exists in bedrock between the Gruhn Site and BRW 5, and


LEDGE ROAD
MAGNETIC
WELL OW-1D
A
400' RADIUS
RILEY ROAD
SUPPLY WELL #3
B
WELL OW-1B
WELL 1-97
WELL A
WELL 1M
WELL 1-A
WELL 1S
WELL OW-1C
B'
BEDROCK WELL


LEDGE ROAD
MAGNETIC
WELL OW-1D
A
400' RADIUS
RILEY ROAD
SUPPLY WELL #3
B
WELL A
WELL OW-1B
WELL 1-97
WELL 1M
WELL 1-A
WELL 1S
WELL OW-1C
B'
BEDROCK WELL

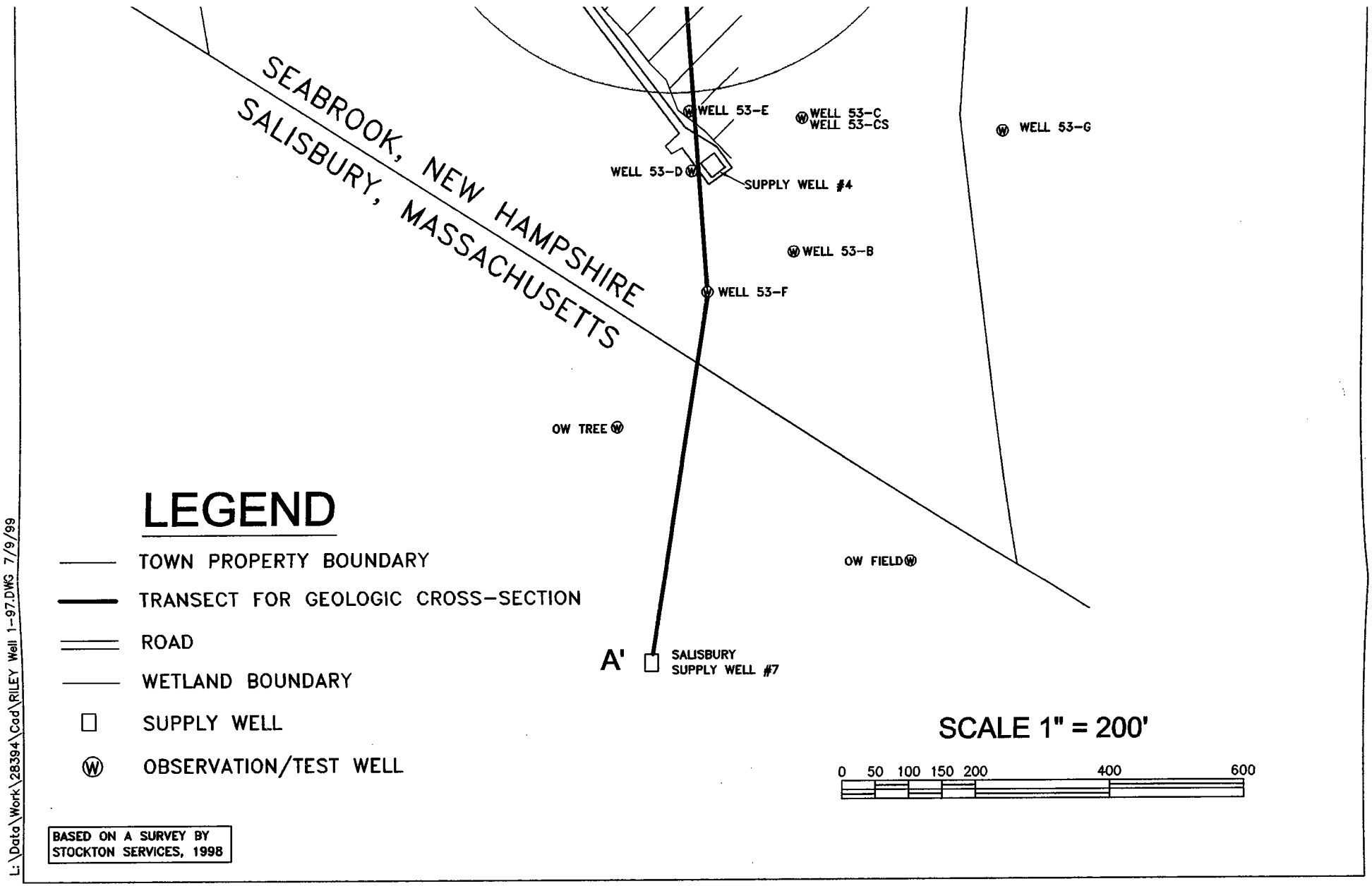


FIGURE 1-2
SITE PLAN
WELL SITE 1-97, RILEY WELL FIELD
SEABROOK WATER DEPARTMENT
SEABROOK, NEW HAMPSHIRE

EARTH TECH

JULY 2014 latest scope of work per phone w/ Doug D.

1) check GUN RANGE VS OW-D to be sure GUN RANGE NOT CHANGED
2) TW 4-01

3) TRUE ROAD
check datum P Station 1 & 2
one or 2 wells TBD

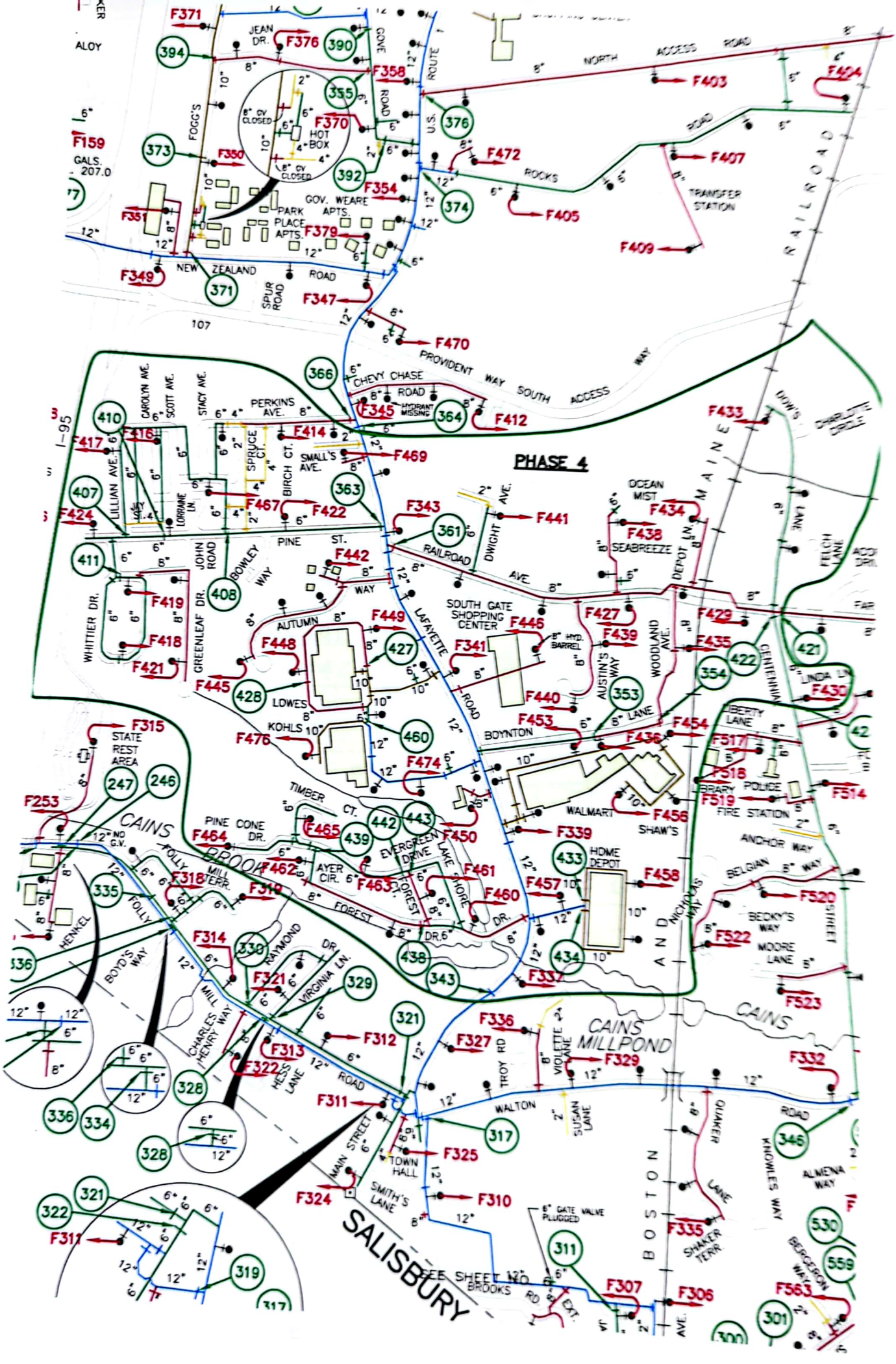
4) RILEY = well location plan
1-97-1A
JOB 256 R2 Check MW
GET OW 1-S WORK

5) MILL LANE -
GET 3 wells left RD
O-33A way IN
Sill pump Station

6) PINEO
BTW 9-08

7) Batchelder Rd
BMX ?

RIM | PVC
GND


PHASE 4
I-95
MAINE
RAILROAD
CAINS
BROOK
CAINS MILLPOND
SALISBURY
BOSTON AND NICHOLAS
ROUTE 1
U.S.
NORTH ACCESS ROAD
PROVIDENT WAY SOUTH ACCESS WAY
NEW ZEALAND ROAD
SPUR ROAD
CHEVY CHASE ROAD
PERKINS AVE.
PINE ST.
RAILROAD AVE.
DWIGHT AVE.
OCEAN MIST
SEABREEZE
DEPOT LN.
SOUTH GATE SHOPPING CENTER
LAFAYETTE ROAD
BOYNTON
WALMART
SHAW'S
HOME DEPOT
LOWES
KOHLS
STATE REST AREA
POLICE
FIRE STATION
LIBRARY
TOWN HALL
SMITH'S LANE
MAIN STREET
WALTON
TROY RD
HESS ROAD
MILL TERR.
FOREST DR.
EVERGREEN DRIVE
LAKE SHORE DR.
AYER CIR.
PINE CONE DR.
TIMBER CT.
AUTUMN
WOODLAND AVE.
AUSTIN'S WAY
BELGIAN WAY
ANCHOR WAY
BECKY'S WAY
MOORE LANE
SHAKER TERR.
KNOWLES WAY
ALMENA WAY
BERGERON WAY
SUSAN LANE
VIOLETTE LANE
OLIVER LANE
LINDA LN.
FELCH LANE
CENTENNIAL
TRANSFER STATION
GOV. WEARE APTS.
PARK PLACE APTS.
HOT BOX
HYDRANT MISSING
6" GATE VALVE PLUGGED
SEE SHEET NO. 12
BROOKS RD EXT.
JEAN DR.
FOGG'S
ROOKS
CAROLYN AVE.
SCOTT AVE.
STACY AVE.
SPRUCE CT.
BIRCH CT.
SMALL'S AVE.
LILLIAN AVE.
LORRAINE LN.
JOHN ROAD
BOWLEY WAY
WHITTIER DR.
GREENLEAF DR.
RAYMOND DR.
VIRGINIA LN.
CHARLES HENRY WAY
BOYD'S WAY
HENKEL
FOLLY
ALOY
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RFP

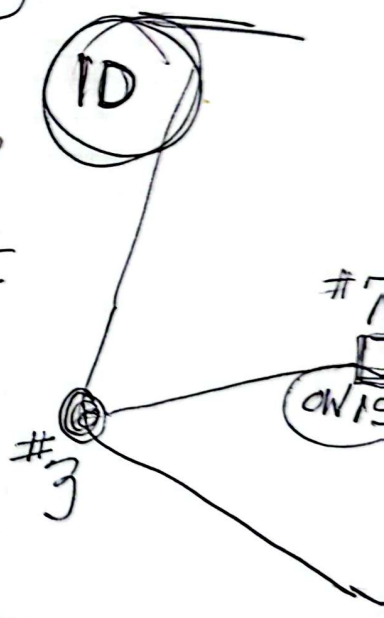
Request for Qualifications & Proposals
Groundwater Level Monitoring Program
B2014-WTR-02

Task III – Install Electronic Water-Level Monitoring Devices

The Town has completed an initial evaluation of existing observation wells (OW) and test wells (TW) located in the various aquifers as potential monitoring sites. The Town recommends that the following 18 well sites be field investigated in order to make a final recommendation on their use for long-term water level monitoring. These monitoring sites include the following:

Bedrock Monitoring Wells:

- ~~BTW 1-01, east of Rte 150 (South Hampton, NH)~~ GOT ALREADY
- BMX, former BMX track HAVE
- Gun Range (Kensington, NH) CHECK VS OWD
- ~~BTW 3-01, east of Rte 150 (Kensington, NH)~~ GOT ALREADY
- MW-6B, Rte 107, opposite the Gruhn property CHECK?
- ~~MW-13B, Rte 107, beneath the high-voltage power lines~~ DON'T NEED?
- Riley Wellfield, between GPW #3 and GPW #4 GET
- Middle Well, Mill Lane Wellfield GET + MORE all 3 ON LEFT.
- Batchelder Road (@ the MA state line) GET
- BTW 9-08, off Pineo Farms Road GET



Monitoring Wells in Overburden:

- TW 4-01 (Kensington, NH) GET WHEN IN
- ~~TW 8A-01 (Kensington, NH)~~ DO NOT GET
- KFW-19, USGS Well, north of Tri-Town Pond GET (CHECK?)
- Maguire B-5, west of BRW 5, 5.1 and 5.2 ~~22 GOT ALREADY~~ CHECK 33
- True Road, near True Road Wellfield ~~2 3? GET~~ 1 OR 2 GET
- OW-1S, GPW #7 GET Riley
- OW-1D, Riley Wellfield GET Riley
- OW-33A, Mill Lane GET Mill Sill Well BLDG

The Town will purchase the water level transducers and portable reader based on recommendations by the contractor. The contractor is responsible for all modifications necessary at the top of each monitoring well to secure the transducer in place. The contractor is responsible for providing a protective cover over each well.

Well coor
BM Home 14
JOB 2

Doug office
978 905-2180

Bob Bell Flushing plan

I'D CHECK FOLDER AND FORMER
TOWN/EARTH-TECH/AECOM JOBS ~~TOW~~

BTW 9-08 Pineo farms
Batchelder Rd

check OW1D
Riley Bedrock TW

OW1S

Get 2 True Rd Pump Station elevs from George Eaton
check as needed
OW 4" (blue)

4-01 off Gun range
Gun range well
check OW-D (and BMK datum)

check datum 13B, 6B